


**DCD / OCM / PCM / SCM
2140 / 2440 MK II / 2840 MK II**

SERVICE MANUAL

SERVICE WARNINGS

SAFETY NOTICE

Components having special safety characteristics are identified by  on schematics and on the parts list in this SERVICE MANUAL and its supplements and bulletins. Before servicing this apparatus, it is important that the service technician read and follow the "SAFETY PRECAUTIONS" and "PRODUCT SAFETY NOTICES" in this Service Manual.

X-radiation warning : Replacement of critical components of this apparatus (picture tube and others) can result in excessive X-radiation.

These components are marked in the service manual by a *.
Replace only by conform types.

SAFETY PRECAUTIONS

1. Before returning an instrument to the customer, always make a safety check of the entire instrument, including, but not limited to, the following items :

a. Be sure that no built-in protective devices are defective and/or have been defeated during servicing. (1) Protective shields are provided on this chassis to protect both the technician and the customer. Correctly replace all missing protective shields, including any removed for servicing convenience. (2) When reinstalling the chassis and/or other assembly in the cabinet, be sure to put back in place all protective devices, including, but not limited to, nonmetallic control knobs, insulating fishpapers, adjustment and compartment covers/shields, and isolation resistor/capacitor networks. Do not operate this instrument or permit it to be operated without all protective devices correctly installed and functioning. Servicers who defeat safety features or fail to perform safety checks may be liable for any resulting damage.

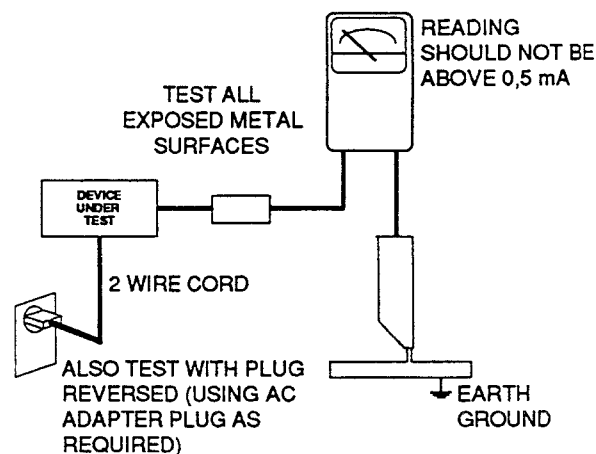
b. Be sure that there are no cabinet openings through which an adult or child might be able to insert their fingers and contact a hazardous voltage. Such openings include, but are not limited to, (1) excessively wide cabinet ventilation slots, and (2) an improperly fitted and/or incorrectly secured cabinet back cover.

c. Leakage Current Hot Check - With the instrument completely reassembled, plug the AC line cord directly into a 220 V AC outlet. (Do not use an isolation transformer during this test.) Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI) C101.1. Leakage Current for Appliances . With the instrument AC switch first in the on position and then in the off position, measure from a known earth ground to all exposed metal parts of the instrument (antennas, handle bracket, metal cabinet, screwheads, metallic overlays, control shafts, etc.). especially any exposed metal parts that offer an electrical return path to the chassis. Any current measured must not exceed 0.5 milliamp. Reverse the instrument power cord plug in the outlet and repeat test.

WARNING :

ANY MEASUREMENTS NOT WITHIN THE LIMITS SPECIFIED HEREIN INDICATE A POTENTIAL SHOCK HAZARD THAT MUST BE ELIMINATED BEFORE RETURNING THE INSTRUMENT TO THE CUSTOMER OR BEFORE CONNECTING ACCESSORIES.

AC leakage test



2. Read and comply with all caution and safety-related notes on or inside the receiver cabinet or on the receiver chassis.

3. Design Alteration Warning - Do not alter or add to the mechanical or electrical design of this apparatus.

Design alterations and additions, including, but not limited to, circuit modifications and the addition of items such as auxiliary audio and/or video output connections, might alter the safety characteristics of this receiver and create a hazard to the user. Any design alterations or additions may void the manufacturer's warranty and may make you, the servicer responsible for personal injury or property damage resulting therefrom.

SERVICE WARNINGS

4. Picture tube implosion protection warning - The picture tube in this apparatus encloses a high vacuum and care must be taken not to bump or scratch the picture tube as this may cause the tube to implode, resulting in personal injury and property damage.

Shatterproof goggles must always be worn by individuals while handling the CRT or installing it.

Keep the CRT away from your body. Do not handle it by the neck.

For continued implosion protection, replace the picture tube only with one of the same type number.

5. Hot Chassis Warning - This monitor has two ground systems: the primary ground system is formed by the negative voltage of the rectified mains and is only used as a reference in primary circuits; the secondary ground system is connected to earth ground via the earth conductor in the mains lead.

Separation between primary and secondary circuits is performed by the safety isolation transformer. Components bridging this transformer are also safety components and must never be defeated or altered.


All user-accessible conductive parts must be connected to earth ground, or are kept at SELV (Safety Extra Low Voltage).

6. Observe original lead dress. Take extra care to assure correct lead dress in the following areas:

- a. near sharp edges
- b. near thermally hot parts - be sure that leads and components do not touch thermally hot parts
- c. the AC supply
- d. high voltage

Always inspect in all areas for pinched, out-of-face, or frayed wiring. Do not change spacing between components, and between components and the printed-circuit board. Check AC power cord for damage.

7. Components, parts, and/or wiring that appear to have overheated or are otherwise damaged should be replaced with components, parts, or wiring that meet original specifications. Additionally, determine the cause of overheating and/or damage and, if necessary, take corrective action to remove any potential safety hazard.

8. PRODUCT SAFETY NOTICE - Many electrical and mechanical parts have special safety-related characteristics some of which are often not evident from visual inspection, nor can the protection they give necessarily be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified in BARCO service data by  on schematics and in the parts list. Use of a substitute replacement that does not have the same safety characteristics as the recommended replacement part in BARCO service data parts list might create shock, fire, and/or other hazards.

Product Safety is under review continuously and new instructions are issued whenever appropriate. For the latest information, always consult the appropriate current BARCO service literature.

SERVICING PRECAUTIONS

CAUTION: Before servicing instruments covered by this service data and its supplements and addenda, read and follow the SAFETY PRECAUTIONS in this publication.

NOTE: If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions in this publication, always follow the safety precautions.

Remember: Safety First.

GENERAL SERVICING PRECAUTIONS

1. Always unplug the instrument AC power cord from the AC power source before:

- a. Removing or reinstalling any component, circuit board, module, or any other instrument assembly.
- b. Disconnecting or reconnecting any instrument electrical plug or other electrical connection.
- c. Connecting a test substitute in parallel with an electrolytic capacitor in the instrument.

Caution: A wrong part substitution or incorrect polarity installation of electrolytic capacitors may result in an explosion hazard.

2. Do not spray chemical on or near this instrument or any of its assemblies.

3. Unless specified otherwise in this service data, clean electrical contacts by applying the following mixture to the contacts with a pipe cleaner, cotton-tipped stick or comparable nonabrasive applicator: 10% (by volume) Acetone and 90% (by volume) isopropyl alcohol (90%-99% strength). **Caution:** This is a flammable mixture. Unless specified otherwise in this service data, lubrication of contacts is not required.

4. Do not apply AC power to this instrument and/or any of its electrical assemblies unless all solid-state device heat sinks are correctly installed.

5. Always connect the test instrument ground lead to the appropriate instrument chassis ground before connecting the test instrument positive lead. Always remove the test instrument ground lead last.

6. Use with this instrument only the test fixtures specified in this service data.

CAUTION: Do not connect the test fixture ground strap to any heat sink in this instrument.

SERVICE WARNINGS

ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.

2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminium foil, to prevent electrostatic charge buildup or exposure of the assembly.

3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.

4. Use only an anti-static type solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ES devices.

5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.

6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminium foil or comparable conductive material.)

7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device.)

General Soldering Guidelines

1. Use a grounded-tip, low-wattage soldering iron and appropriate tip size and shape that will maintain tip temperature within the range 500°F to 600°F (260°C to 315°C)

2. Use an appropriate gauge of RMA resin-core solder composed of 60 parts tin/40 parts lead.

3. Keep the soldering iron tip clean and well tinned.

4. Thoroughly clean the surfaces to be soldered. Use a small wire-bristle (0.5 inch, or 1.25 cm) brush with a metal handle. Do not use freon-propelled spray-on cleaners.

5. Use the following unsoldering technique:

a. Allow the soldering iron tip to reach normal temperature (500°F to 600°F (260°C to 315°C)).

b. Heat the component lead until the solder melts.

c. Quickly draw away the melted solder with an anti-static, suction-type solder removal device or with solder braid. **CAUTION:** Work quickly to avoid overheating the circuit board printed foil.

6. Use the following soldering technique:

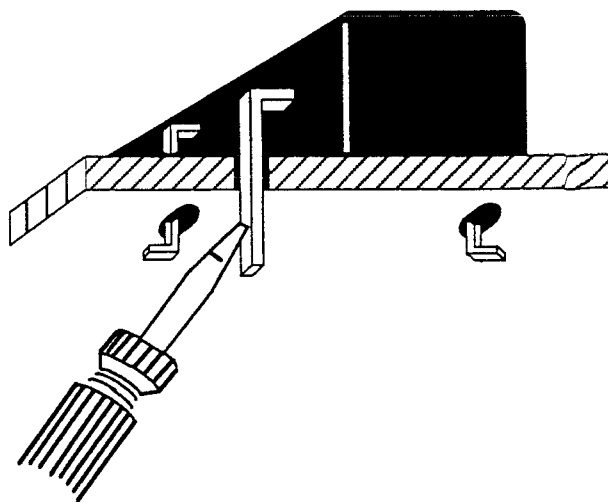
a. Allow the soldering iron tip to reach normal temperature (500°F to 600°F (260°C to 315°C)).

b. First, hold the soldering iron tip and solder strand against the component lead until the solder melts.

c. Quickly move the soldering iron tip to the junction of the component lead and the printed circuit foil, and hold it there only until the solder flows onto and around both the component lead and the foil.

CAUTION: Work quickly to avoid overheating the circuit board printed foil or components.

d. Closely inspect the solder area and remove any excess or splashed solder with a small wire-bristle brush.



Use Soldering Iron To Pry Leads

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- * Adjustment procedure

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INPUT/OUTPUT BOARDS

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Input/output boards

- * Printed circuit board

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- * Schematic diagram
- * Parts listing

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- * Schematic diagram
- * Parts listing

76 1643 : In/Out module + Controls

- * Schematic diagram
- * Adjustment procedure
- * Parts listing

76 1687 : In/Out module + Controls

- * Schematic diagram
- * Adjustment procedure
- * Parts listing

76 1939 : In/Out module + Controls

- * Schematic diagram
- * Adjustment procedure
- * Parts listing

79 1649: CSB PCM 2140

79 1900: CSB PCM 2840

- * Schematic diagram
- * Adjustment procedure
- * Parts listing

76 1641 : Unit automatic degauss (Option)

- * Printed circuit board
- * Schematic diagram
- * Parts listing

PARTS LIST ON BOARD LEVEL

REF. TYPE		PARTS LIST ON BOARD LEVEL		
ART. NO.	DESCRIPTION	DECODER	FRAME	IN/OUT MODULE
93 30627	DCD 2440 MK II	76 1942	76 1955	76 1194
93 30617	DCD 2840 MK II	76 1942	76 1955	76 1194
93 30515	PCM 2140	76 1686	76 1688	76 1643
93 30635	PCM 2840	76 1686	76 1955	76 1643
93 30735	PAT OCM 2840 MK II	76 1971	76 1955	See service manual PAT
93 30747	PAT SCM 2840 MK II	76 1971	76 1682	See service manual PAT
93 30707	SCM 2140	76 1942	76 1688	76 13306
93 30607	SCM 2840 MK II Q	76 1954	76 1682	76 1939
93 30609	SCM 2840 MK II Q	76 1954	76 1941	76 1939
93 30597	SCM 2840 MK II RGB	76 1936	76 1682	76 1687
93 30599	SCM 2840 MK II RGB	76 1936	76 1941	76 1687

DCD 2440 MK II

93 30627

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
03	30629	OPIBAR DCD2440 MKII T 9330627	007.	34 8004	WIRE TIE L140
32	1026	SPEAKER 5W 8E 105X105	0071	34 8019	WIRE TIE L100
32	61031	CORD MAINS 3X0,75MM2 2XEUR(S)	008.	34 93755	CORD BE DEF CPL 34
34	8216	UN WIRE TV 40 LS 60CM	010.	36 7310	CIRCLIPS AXLE VISTOP SCREW M6
36	1312	SCREW WINGLIN M3 X12 CC+	011.	36 1382	SCREW PT K70X40
36	2121	SCREW DIN7985 M 3 X 6 MP+	017.	80 0217	SPRING TV 40 RGB
36	2154	SCREW DIN7985 M 4 X16 MP+	0181	36 6103	NUT DIN934 M 4 HEXAGON
36	2162	SCREW DIN7985 M 4 X45 MP+	0182	36 7503	WASHER DIN6798 A 4,3
36	6103	NUT DIN934 M 4 HEXAGON	020.	80 1748	FRAME TV 40 HINGE FESTIVAL
36	7503	WASHER DIN6798 A 4,3	0201	36 21533	SCREW DIN7985 M 4 X12 TWOLOK
59	0210	LABEL EARTH+FUSE GB	023.	72 1874	FIX TV 40 FRAME UP UP FST
59	3476	BOX 0201 MECCA BOOKMAKER	0231	36 7457	RIVET P AL FE TAP/D/BS410 D3,2
71	23031	WASHER DIA 3,25X10 T1 ZIN	024.	34 8024	FASTENER WIRE SADDLE LWS-2R-A
71	23061	WASHER DIA 4,25X15 T1 ZIN	0241	34 8076	WIRE STANDOFF D11,9 H19
71	4937	NUT SC M3 BV MS	031.	36 9501	STAPLE SPK3023 3/8 " L10 B10
72	1405	BUSHING SNAP DIA17 / 8 BE	037.	71 4008	SCREW SC FULL SCREEN
72	1924	FIX TV 40 FRAME CASE DO FST63	0371	36 7576	WASHER ANTILOSS M4
72	2113L	LEFE 72 2113 PRO DCD2440 BACKC	038.	36 15135	SCREW DIN7981 4,2X25 MP+C
72	2190	CASE MN 40 DCD24 FRF MK2	039.	34 8001	WIRE TIE L172
73	2090	BACKCOVER MN 40 DCD24 VERT	040.	34 8020	WIRE TIE L110
73	2117	CASE MN 40 DCD24 T MK2	0401	34 8006	WIRE TIE L140
76	1194	UN I/O MN 40 DCD27	041.	80 0194	FIX TV 40 DEC FRAME
76	1934	UN PARTS MN 40 DCD24 MK2	0411	36 3501	SCREW DIN7976 2,9X 6,5 M HC
001.	13 0954	CRT A59EAK22X11	080.	36 7036	NUT INS WOOD FOR SCREW K70
002.	76 0659	UN AKWADAG(1140) TV 32	76	1942	UN DEC MN 40 T RGB BLACK LINE
003.	72 0689	FIX TV 31 DEGAUSSING ABS	76	1955	UN FRAME MN 40 DCD24 MKII BL.L
004.	31 2000	SPRING 7 X50 /0,6	80	1413L	LEFE 80 1413 HANDLE CABINET
005.	72 0704	FIX TV 40 DEGAUSSING NYL	80	1452	BOX FIT PSF MECCA BOOKMAKER B
006.	77 3365	COIL DEGAUSSING TV 34GS 67CM	80	1453	BOX FIT PSF MECCA BOOKMAKER T

DCD 2840 MKII

93 30617

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
03	30629	OPIBAR DCD2440 MKII T 9330627	037.	34 8001	WIRE TIE L172
32	1026	SPEAKER 5W 8E 105X105	038.	34 8020	WIRE TIE L110
32	61031	CORD MAINS 3X0,75MM2 2XEUR(S)	039.	36 1382	SCREW PT K70X40
34	8080L	LEFE 34 8080 FIX BACKCOVER	040.	36 9501	STAPLE SPK3023 3/8 " L10 B10
34	8216	UN WIRE TV 40 LS 60CM	042.	36 13135	SCREW WINGLIN M3 X16 CC+
36	2121	SCREW DIN7985 M 3 X 6 MP+	0421	71 23031	WASHER DIA 3,25X10 T1 ZIN
59	35105	BOX 0201 737X585X638 HOHOH	043.	80 0194	FIX TV 40 DEC FRAME
72	1405	BUSHING SNAP DIA17 / 8 BE	044.	36 3501	SCREW DIN7976 2,9X 6,5 M HC
72	2233	FRF MN 40 DCD28 II	050.	80 2765	FIX MN 40 DCD28II BRIDGE DOWN
73	2122	CASE MN 40 DCD28 MK2	060.	80 1653	FRAME TV 40 HINGE FST55 LEFT
73	3002	CASE MN 40 DCD28 II BACKCOVER	0601	80 1654	FRAME TV 40 HINGE FST55 RIGHT
76	1194	UN I/O MN 40 DCD27	0602	71 23061	WASHER DIA 4,25X15 T1 ZIN
76	1935	UN PARTS MN 40 DCD28 MK2	0603	36 21533	SCREW DIN7985 M 4 X12 TWOLOK
36	9550	STAPLE CNK L10 B3	0604	36 7503	WASHER DIN6798 A 4,3
72	2236	FRAME MN 40 PCM21 PCB FIX DEC	0605	36 6103	NUT DIN934 M 4 HEXAGON
001.	13 0956	CRT A66EAK22X11	070.	72 1983	FIX TV 40 FRAME UP UP FST55
002.	76 11297	UN AKWADAG(1260) TV 40 70	0701	80 1651	FIX TV 40 FRAME PLATE L FST55
004.	31 2000	SPRING 7 X50 /0,6	0702	80 1652	FIX TV 40 FRAME PLATE R FST55
005.	34 8083	FIX MN 40 DEGAUSSING & AKWADAG	0703	36 7457	RIVET P AL FE TAP/D/BS410 D3,2
006.	30 6663	COIL MN 40 DEGAUSS SCM28	0704	71 23041	WASHER DIA 4,25X10 T1 ZIN
007.	34 8004	WIRE TIE L140	0705	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
0071	34 8019	WIRE TIE L100	080.	36 7036	NUT INS WOOD FOR SCREW K70
0072	34 8006	WIRE TIE L140	090.	80 4037	FIX MN40 PLATE DCD2840 II
008.	34 93755	CORD BE DEF CPL 34	091.	72 3025	FIX MN40 FRAME DCD2840 II
017.	80 0217	SPRING TV 40 RGB	092.	72 3024	FIX MN40 FRAME DCD2840 II
0201	36 2154	SCREW DIN7985 M 4 X16 MP+	093.	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
0202	71 23061	WASHER DIA 4,25X15 T1 ZIN	094.	36 2152	SCREW DIN7985 M 4 X10 MP+
024.	34 8024	FASTENER WIRE SADDLE LWS-2R-A	76	1942	UN DEC MN 40 T RGB BLACK LINE
0241	34 8076	WIRE STANDOFF D11,9 H19	76	1955	UN FRAME MN 40 DCD24 MKII BL.L
025.	36 2154	SCREW DIN7985 M 4 X16 MP+	80	1413L	LEFE 80 1413 HANDLE CABINET
0251	36 6103	NUT DIN934 M 4 HEXAGON	007.	80 2729	BOX PSF TV 40 70 PORTOFINO
0252	36 7503	WASHER DIN6798 A 4,3			

PCM 2140

93 30515

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
	03 30519	OPI MN 40 PCM21	0202	36 21533	SCREW DIN7985 M 4 X12 TWELOK
	32 61031	CORD MAINS 3X0,75MM2 2XEUR(S)	0203	36 2154	SCREW DIN7985 M 4 X16 MP+
	34 8024	FASTENER WIRE SADDLE LWS-2R-A	0203	72 2236	FRAME MN 40 PCM21 PCB FIX DEC
	34 8080L	LEFE 34 8080 FIX BACKCOVER	0213	36 7503	WASHER DIN6798 A 4,3
	34 8084	GROMMET T1,5 CONTIN.SOLID BLA	0214	36 6103	NUT DIN934 M 4 HEXAGON
	34 8216	UN WIRE TV 40 LS 60CM	0215	36 2054	SCREW DIN84 M 4 X16 MP-
	36 15075	SCREW DIN7981 3,2X 8,5 MP+C	0216	59 0206	LABEL EARTH
	36 9550	STAPLE CNK L10 B3	024.	34 8024	FASTENER WIRE SADDLE LWS-2R-A
	59 0210	LABEL EARTH+FUSE GB	0241	34 8076	WIRE STANDOFF D11,9 H19
	59 34815	BOX 0201 OCM2140	0301	36 2121	SCREW DIN7985 M 3 X 6 MP+
	72 1405	BUSHING SNAP DIA17 / 8 BE	031.	36 9501	STAPLE SPK3023 3/8 " L10 B10
	72 2157	BACKCOVER MN 40 OCM21	035.	34 8019	WIRE TIE L100
	72 2186	FRF MN 40 OCM21 CPL	0362	36 7457	RIVET P AL FE TAP/D/BS410 D3,2
	72 2223	FIX MN 40 PCM21 CHASSIS	0363	71 23042	WASHER DIA 4,25X10 T1,25ZIN
	73 2102X	CASE MN 40 PCM21 LEFEVERE	0364	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
	73 2102S	CASE MN 40 PCM21	037.	80 1652	FIX TV 40 FRAME PLATE R FST55
	76 11485	UN PARTS MN 40 OCM21	0371	72 1983	FIX TV 40 FRAME UP UP FST55
001.	13 0958	CRT A51EAK01X05	0372	36 7457	RIVET P AL FE TAP/D/BS410 D3,2
0011	80 4000	WASHER DIA18 X24 T3 AL	0373	71 23042	WASHER DIA 4,25X10 T1,25ZIN
002.	76 0725	UN AKWADAG(920) TV 32 56	0374	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
0021	34 8001	WIRE TIE L172	080.	36 7036	NUT INS WOOD FOR SCREW K70
004.	31 2000	SPRING 7 X50 /0,6		76 1643	UN INP MN 40 PCM21 SVHS
006.	77 33668	COIL DEGAUSSING TV 40 56CM		76 1686	UN DEC MN 40 PCM21 Q RGB SVHS
0061	34 8073	WIRE TIE L356 B2,4		76 1688	UN FRAME MN 40 SUP PCM21
008.	34 93755	CORD BE DEF CPL 34		79 1649	UN CSB MN 40 PCM21 CPL
009.	34 8006	WIRE TIE L140		80 2497	BOX FIT PSF OCM2140 TOP
011.	36 1382	SCREW PT K70X40		80 2498	BOX FIT PSF OCM2140 BOTTOM
012.	80 0194	FIX TV 40 DEC FRAME		80 2724	FIX MN 40 PCM21 CHASSIS EXTENS
013.	36 3501	SCREW DIN7976 2,9X 6,5 M HC	001.	32 1047	SPEAKER SW BE 160X 57
0131	71 23031	WASHER DIA 3,25X10 T1 ZIN	0011	73 2133	BAFFLE TEXT PCM 2140
017.	80 0217	SPRING TV 40 RGB	008.	80 2473	GLASS MN 40 CONTR OCM21
020.	80 2465	FIX MN 40 OCM21 FRAME DOWN	0081	34 8081	FIX MN 40 OCM21 GLASS TOP
0201	80 2481	FRAME MN 40 PCM21 FRAME HINGE	0082	34 8082	FIX MN 40 OCM21 GLASS BOTTEM

PCM 2840

93 30635

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
	03 30639	OPIBAR PCM2840 Q SVHS	0252	36 7503	WASHER DIN6798 A 4,3
	32 1047	SPEAKER SW BE 160X 57	037.	34 8001	WIRE TIE L172
	32 61031	CORD MAINS 3X0,75MM2 2XEUR(S)	038.	34 8020	WIRE TIE L110
	34 8080L	LEFE 34 8080 FIX BACKCOVER	039.	36 1382	SCREW PT K70X40
	34 8215	UN WIRE TV 40 LS120CM	040.	36 9501	STAPLE SPK3023 3/8 " L10 B10
	36 15075	SCREW DIN7981 3,2X 8,5 MP+C	042.	36 13135	SCREW WINGLIN M3 X16 CC+
	36 9550	STAPLE CNK L10 B3	043.	80 0194	FIX TV 40 DEC FRAME
	59 0210	LABEL EARTH+FUSE GB	044.	36 3501	SCREW DIN7976 2,9X 6,5 M HC
	59 35075	BOX 0201 698X585X737 HOHOH	050.	36 7036	NUT INS WOOD FOR SCREW K70
	72 1405	BUSHING SNAP DIA17 / 8 BE	0604	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
	72 3015	CASE MN 40 PCM28 FRF	070.	80 1652	FIX TV 40 FRAME PLATE R FST55
	73 3000	CASE MN 40 PCM28	0701	72 1983	FIX TV 40 FRAME UP UP FST55
	73 3001	CASE MN 40 PCM28 BACKCOVER	0702	36 7457	RIVET P AL FE TAP/D/BS410 D3,2
	76 1643	UN INP MN 40 PCM21 SVHS	0703	71 23042	WASHER DIA 4,25X10 T1,25ZIN
	76 1686	UN DEC MN 40 PCM21 Q RGB SVHS	080.	80 2724	FIX MN 40 PCM21 CHASSIS EXTENS
	76 1955	UN FRAME MN 40 DCD24 MKII BL.L	0801	72 2223	FIX MN 40 PCM21 CHASSIS
	76 1956	UN PARTS MN 40 PCM28	0802	36 7457	RIVET P AL FE TAP/D/BS410 D3,2
001.	13 0956	CRT A66EAK22X11	0803	71 23042	WASHER DIA 4,25X10 T1,25ZIN
002.	76 11297	UN AKWADAG(1260) TV 40 70	0804	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
004.	31 2000	SPRING 7 X50 /0,6	0805	80 2733	FRAME TV 40 70 PORTOFINO FIX D
005.	34 8083	FIX MN 40 DEAUSSING & AKWADAG	0806	36 2154	SCREW DIN7985 M 4 X16 MP+
006.	30 6663	COIL MN 40 DEGAUSS SCH28	0807	80 1653	FRAME TV 40 HINGE FST55 LEFT
007.	34 8004	WIRE TIE L140	0808	80 1654	FRAME TV 40 HINGE FST55 RIGHT
0071	34 8019	WIRE TIE L100	090.	72 1405	BUSHING SNAP DIA17 / 8 BE
0072	34 8006	WIRE TIE L140	0910	36 15075	SCREW DIN7981 3,2X 8,5 MP+C
008.	34 93755	CORD BE DEF CPL 34	1100	72 3022	BACKCOVER TV 40 PCM28 COVER PL
017.	80 0217	SPRING TV 40 RGB	1101	36 15085	SCREW DIN7981 3,2X16 MP+C
018.	72 2236	FRAME MN 40 PCM21 PCB FIX DEC	1102	71 4937	NUT SC M3 BV MS
024.	34 8024	FASTENER WIRE SADDLE LWS-2R-A		80 1413L	LEFE 80 1413 HANDLE CABINET
0241	34 8076	WIRE STANDOFF D11,9 H19		80 2729	BOX PSF TV 40 70 PORTOFINO
025.	36 2154	SCREW DIN7985 M 4 X16 MP+	0011	80 4000	WASHER DIA18 X24 T3 AL
0251	36 6103	NUT DIN934 M 4 HEXAGON	002.	79 1900	UN CSB MN 40 PCM28 CPL

PAT OCM 2840 MK II

93 30735

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
03	30168	DOKSETDCD2640Q	004.	34 93755	CORD BE DEF CPL 34
59	0206	LABEL EARTH	007.	34 8004	WIRE TIE L140
59	0210	LABEL EARTH+FUSE GB	0071	34 8019	WIRE TIE L100
59	0225	LABEL MN RONTGENSTRAHLUNG BRD	0072	34 8006	WIRE TIE L140
59	3013	BAG PE 370X 220X 0,03 D314	0101	34 8024	FASTENER WIRE SADDLE LWS-2R-A
59	8408	PRA DOKSET BARCO BG+M	0101	80 0217	SPRING TV 40 RGB
59	5039	WARRANTY BARCO TRIPLE	0102	34 8076	WIRE STANDOFF D11,9 H19
59	6070	PRM STATIST QUALITY	039.	36 7457	RIVET P AL FE TAP/D/BS410 D3,2
80	08261	LABEL PART-SER NR PRINT CPU	041.	80 0194	FIX TV 40 DEC FRAME
32	1047	SPEAKER 5W 8E 160X 57	0411	36 3501	SCREW DIN7976 2,9X 6,5 M HC
32	6103	CORD MAINS 3X0,75MM2 2,45UR	0411	36 6921	SCREW INS FRF M6 VIDEOPLAST
34	8216	UN WIRE TV 40 LS 600	0413	36 38005	SCREW PT KA25X10 WN1412
36	15095	SCREW DIN7981 4,2X 9,5 MP+C	0414	39 5356	TAPE PVC AT20 4 BLA
36	15125	SCREW DIN7981 4,2X16 MP+C	0421	71 23031	WASHER DIA 3,25X10 T1 ZIN
36	2122	SCREW DIN7985 M 3 X 8 MP+	0421	71 4008	SCREW SC FULL SCREEN
36	2154	SCREW DIN7985 M 4 X16 MP+	0422	36 15075	SCREW DIN7981 3,2X 8,5 MP+C
36	6103	NUT DIN934 M 4 HEXAGON	0422	36 7576	WASHER ANTILOSS M4
36	7503	WASHER DIN6798 A 4,3	0423	36 15085	SCREW DIN7981 3,2X16 MP+C
59	0210	LABEL EARTH+FUSE GB	050.	80 0159	FRAME TV 40 HINGE
59	3451	BOX 0201 726X551X596 HOHOH	0501	36 21533	SCREW DIN7985 M 4 X12 TWOLOK
59	75283	USERS MANUAL PAT	0502	36 7503	WASHER DIN6798 A 4,3
71	23061	WASHER DIA 4,25X15 T1 ZIN	0503	36 6103	NUT DIN934 M 4 HEXAGON
72	1280	FOOT TV 32 FS32	055.	72 1874	FIX TV 40 FRAME UP UP FST
72	1745	GUIDING PJ EP RCVD52 PC	055.	72 1944	FIX MN 40 OCM28 FRAME UP
72	1813	FIX MN 40 DCD26 FRAME	0551	36 7457	RIVET P AL FE TAP/D/BS410 D3,2
72	1945	LS BOX TUNNEL OCM2840	76	14467	UN PAT MN 40 OCM28
72	1946	HANDLE MN 40 OCM28 HOLDER	76	1955	UN FRAME MN 40 DCD24 MKII BL.L
72	1962	FOOT MN 40 OCM28	76	1971	UN DEC MN 40 Q RGB BL L
72	1963	CASE MN 40 DCD28 COVER CAP	80	1413	HANDLE MN 40 OCM28
72	2008	CASE MN 40 OCM28	80	1446	HANDLE MN 40 OCM28 HINGE
72	2044	PAT OCM2840 FIX FRAME DOWN	80	1525	FIX MN 40 OCM28 NUT CEILING
73	2053	BACKCOVER MN 40 OCM28 PAT	80	1804	PAT OCM2840 FIX CSB
76	1275	UN PARTS TV 40 70 FS	80	1805	PAT OCM2840 FIX FIX CSB
34	8001	WIRE TIE L172	80	1883	PAT OCM2840 SCREENING PLATE A
34	8005	WIRE TIE CLIPS 3,5 TO 6	80	1887	PAT OCM2840 SCREENING PLATE B
0011	80 1781	WASHER DIA 6,5 X15 T4,3 PS	80	1958	BOX FIT OCM2840 EPERAN CPL
0012	36 6158	NUT TWOLOK M 6 NUT+WASHER	001.	13 0956	CRT A66EAK22X11
002.	76 11297	UN AKWADAG(1260) TV 40 70	041.	72 3021	CASE MN 46 OCM28 RGB FRF BL.L
0021	31 2000	SPRING 7 X50 /0,6	0411	80 4068	DPL MN 46 OCM28 FRF
003.	30 6663	COIL MN 40 DEGAUSS SCM28	0412	36 6921	SCREW INS FRF M6 VIDEOPLAST
0031	34 8083	FIX MN 40 DEAUSSING & AKWADAG			

PAT SCM 2840 MK II

93 30747

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
30	6663	COIL MN 40 DEGAUSS SCM28	59	0206	LABEL EARTH
31	2000	SPRING 7 X50 /0,6	59	0210	LABEL EARTH+FUSE GB
32	1044	SPEAKER 4W 4E 66X 66	59	3013	BAG PE 370X 220X 0,03 D314
32	61031	CORD MAINS 3X0,75MM2 2XEUR(S)	59	75283	USERS MANUAL PAT
34	8004	WIRE TIE L140	72	1709	FIX TV 40 CASE UP 56
34	8019	WIRE TIE L100	72	1745	GUIDING PJ EP RCVD52 PC
34	8020	WIRE TIE L110	72	1813	FIX MN 40 DCD26 FRAME
34	8024	FASTENER WIRE SADDLE LWS-2R-A	72	2050	FRF MN 40 SCM28
34	8073	WIRE TIE L356 B2,4	76	11297	UN AKWADAG(1260) TV 40 70
34	8076	WIRE STANDOFF D11,9 H19	76	14469	UN PAT MN 40 SCM28 CPL
34	8214	UN WIRE TV 40 LS 400	76	1682	UN FRAME MN 40 SCM28 BLACKLINE
34	8218	UN WIRE MN 40 SCM28 CVS P	76	1971	UN DEC MN 40 Q RGB BL L
34	93755	CORD BE DEF CPL 34	80	0194	FIX TV 40 DEC FRAME
35	6107	HANDLE CASE MN VIDEOWALL 273.1	80	0217	SPRING TV 40 RGB
36	19245	SCREW DIN965 M 4 X10 MC+	80	1572	CASE MN 40 SCM28 SPACER CRT
36	2066	SCREW DIN84 M 5 X10 MP-	80	1583	FRAME MN 40 DCD27 PAT FIX PC
36	2122	SCREW DIN7985 M 3 X 8 MP+	80	1584	CASE MN 40 SCM28 FIX FRAME L
36	21225	SCREW DIN7985 M 3 X 8 MP+	80	1585	CASE MN 40 SCM28 FIX FRAME R
36	2152	SCREW DIN7985 M 4 X10 MP+	80	1618	FIX MN 40 SCM28 PLATE
36	21525	SCREW DIN7985 M 4 X10 MP+	80	1714	SCREW NUT CRT H7 M5/M3 SCM2840
36	21533	SCREW DIN7985 M 4 X12 TWOLOK	80	1895	FIX MN 40 SCM28 CRT SET
36	2154	SCREW DIN7985 M 4 X16 MP+	80	1995	CASE MN 40 SCM28 BACKCOV PAT
36	26705	SCREW DIN921 M 3 X10 MP-	80	2314	CASE MN 40 SCM28 PAT CPL V2
36	3501	SCREW DIN7976 2,9X 6,5 M HC	80	2434	DPL MN 40 OCM28 PAT CSB WINDOW
36	3595	SCREW DIN7981 2,2X 4,5 MP+C	80	2941	MODIF. CRT BLACK LINE 130956
36	6103	NUT DIN934 M 4 HEXAGON	80	4099	BOX FIT SCM2846/40 CPL
36	7457	RIVET P AL FE TAP/D/BS410 D3,2	80	4112	BOX 0201 705X545X588 HOHOH
36	7503	WASHER DIN6798 A 4,3	001.	34 8004	WIRE TIE L140
36	7504	WASHER DIN6798 A 5,3			

SCM 2140

93 30707

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
03	30709	OPIBAR SCM2140 T	006.	77 33668	COIL DEGAUSSING TV 40 56CM
32	61031	CORD MAINS 3X0,75MM2 2XEUR(S)	0061	34 8073	WIRE TIE L356 B2,4
35	6150	HANDLE MN 40 SCM21 32342003	008.	34 93755	CORD BE DEF CPL 34
36	2077	SCREW DIN84 M 6 X10 MP-	010.	80 4103	CASE MN 40 SCM FIX CHASSIS 01
36	21295	SCREW DIN7985 M 3 X25 MP+	0101	36 7454	RIVET P AL FE TAP/D/BS44 D3,2
36	21525	SCREW DIN7985 M 4 X10 MP+	011.	36 2154	SCREW DIN7985 M 4 X16 MP+
36	74546	RIVET P IN IN SSD42SSBS D3,2	0111	36 6103	NUT DIN934 M 4 HEXAGON
36	7503	WASHER DIN6798 A 4,3	0112	36 7503	WASHER DIN6798 A 4,3
59	0210	LABEL EARTH+FUSE GB	0113	59 0206	LABEL EARTH
59	0254	LABEL BVC FCC PART15	0121	36 21533	SCREW DIN7985 M 4 X12 TWOLOK
59	3001	BAG PE 180X 250X 0,07	020.	34 8019	WIRE TIE L100
76	13306	UN I/O MN 40 SCM28 CVS	0201	34 8006	WIRE TIE L140
76	1688	UN FRAME MN 40 SUP PCM21	0202	34 8024	FASTENER WIRE SADDLE LWS-2R-A
76	1942	UN DEC MN 40 T RGB BLACK LINE	0203	34 8076	WIRE STANDOFF D11,9 H19
80	1618	FIX MN 40 SCM28 PLATE	0211	36 2121	SCREW DIN7985 M 3 X 6 MP+
80	1653	FRAME TV 40 HINGE FST55 LEFT	0212	36 3501	SCREW DIN7976 2,9X 6,5 M HC
80	1654	FRAME TV 40 HINGE FST55 RIGHT	0213	34 8088	FASTENER WIRE DIA20 SCREW FIX
80	4023	CASE MN 40 SCM21 CASE CPL	0214	34 8020	WIRE TIE L110
80	4024	CASE MN 40 SCM21 BACKCOVER 01	0215	71 23031	WASHER DIA 3,25X10 T1 ZIN
80	4026	BEVEST.CHASSIS SCM2140	022.	72 3028	CASE MN40-50 SCM21 FRF 00
80	4043	BVCO BEWERKING SCM2140	0220	80 41271	NPL MN 40 BARCO SCM21 PART 1
80	4044	BVCO BEWERKING SCM2140	0221	80 41272	NPL MN 40 BARCO SCM21 PART 2
80	4045	BVCO OPSANVVS SCM2140 01	0222	80 41273	NPL MN 40 BARCO SCM21 PART 3
80	4124	FIX MN 50 SCM21 CRT V1 00	0300	59 3566	BOX FIT 567X567 GOGOG
001.	80 4031	MODIF. CRT BLACKLINE 130958	0301	80 4125	BOX 0201 570X570X482 HOHOH
002.	76 0725	UN AKWADAG(920) TV 32 56	0302	80 1733	BOX FIT EPERAN L 150X150X50
004.	31 2000	SPRING 7 X50 /0,6	0303	80 1621	BOX FIT CORNER EPERAN 150X100

SCM 2840 MK II QUAD

93 30607

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
03	30609	OPIBAR SCM 2840 MKII Q	59	0206	LABEL EARTH
30	6663	COIL MN 40 DEGAUSS SCM28	59	0210	LABEL EARTH+FUSE GB
31	2000	SPRING 7 X50 /0,6	59	3013	BAG PE 370X 220X 0,03 D314
32	61031	CORD MAINS 3X0,75MM2 2XEUR(S)	71	4937	NUT SC M3 BV MS
34	8019	WIRE TIE L100	72	1709	FIX TV 40 CASE UP 56
34	8020	WIRE TIE L110	72	1813	FIX MN 40 DCD26 FRAME
34	8024	FASTENER WIRE SADDLE LWS-2R-A	72	2050	FRF MN 40 SCM28
34	8073	WIRE TIE L356 B2,4	76	11297	UN AKWADAG(1260) TV 40 70
34	8076	WIRE STANDOFF D11,9 H19	76	1682	UN FRAME MN 40 SCM28 BLACKLINE
34	8218	UN WIRE MN 40 SCM28 CVS P	76	1939	UN I/O MN 40 RGB ANA VID
34	82207	UN WIRE MN 40 SCM28 VID-WXLR	76	1954	UN DEC MN 40 Q WHITE SW BL.L.
34	93755	CORD BE DEF CPL 34	80	0194	FIX TV 40 DEC FRAME
35	6107	HANDLE CASE MN VIDEOWALL 273.1	80	0217	SPRING TV 40 RGB
36	1914	SCREW DIN965 M 3 X10 MC+	80	1547	CASE MN 40 SCM28 FIX CENTREP
36	19245	SCREW DIN965 M 4 X10 MC+	80	1549	CASE MN 40 SCM28 BACKCOVER
36	2066	SCREW DIN84 M 5 X10 MP-	80	1572	CASE MN 40 SCM28 SPACER CRT
36	2077	SCREW DIN84 M 6 X10 MP-	80	1584	CASE MN 40 SCM28 FIX FRAME L
36	2121	SCREW DIN7985 M 3 X 6 MP+	80	1585	CASE MN 40 SCM28 FIX FRAME R
36	21525	SCREW DIN7985 M 4 X10 MP+	80	1618	FIX MN 40 SCM28 PLATE
36	21533	SCREW DIN7985 M 4 X12 TWOLOK	80	1714	SCREW NUT CRT H7 M5/M3 SCM2840
36	2154	SCREW DIN7985 M 4 X16 MP+	80	1756	PLATE MN 40 SCM28 COVER CLEAR
36	26705	SCREW DIN921 M 3 X10 MP-	80	1895	FIX MN 40 SCM28 CRT SET
36	3501	SCREW DIN7976 2,9X 6,5 M HC	80	2312	CASE MN 40 SCM28 CASE CPL V2
36	3595	SCREW DIN7981 2,2X 4,5 MP+ C	80	2941	MODIF. CRT BLACK LINE 130956
36	6102	NUT DIN934 M 3 HEXAGON	80	4099	BOX FIT SCM2846/40 CPL
36	6103	NUT DIN934 M 4 HEXAGON	80	4112	BOX 0201 705X545X588 HOHOH
36	74546	RIVET P IN IN SSD42SSBS D3,2	001.	34 8004	WIRE TIE L140
36	7457	RIVET P AL FE TAP/D/BS410 D3,2	0011	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
36	7502	WASHER DIN6798 A 3,2			
36	7503	WASHER DIN6798 A 4,3			
36	7504	WASHER DIN6798 A 5,3			

SCM 2840 MK II QUAD

93 30609

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
	03 30609	OPIBAR SCM 2840 MKII Q		59 0210	LABEL EARTH+FUSE GB
	31 2000	SPRING 7 X50 /0,6		59 0254	LABEL-BVC FCC PART15
	32 6111	CORD MAINS 3XANG18 UL-CSA/EUR		59 3013	BAG PE 370X 220X 0,03 D314
	34 8004	WIRE TIE L140		71 4937	NUT SC M3 BV MS
	34 8019	WIRE TIE L100		72 1709	FIX TV 40 CASE UP 56
	34 8020	WIRE TIE L110		72 1813	FIX MN 40 DCD26 FRAME
	34 8024	FASTENER WIRE SADDLE LWS-2R-A		72 2050	FRF MN 40 SCM28
	34 8076	WIRE STANDOFF D11,9 H19		76 11297	UN AKWADAG(1260) TV 40 70
	34 8218	UN WIRE MN 40 SCM28 CVS P		76 1939	UN I/O MN 40 RGB ANA VID
	34 82207	UN WIRE MN 40 SCM28 VID-WXLR		76 1941	UN FRAME MN 40 SUP SCM28 110 B
	34 93755	CORD BE DEF CPL 34		76 1954	UN DEC MN 40 Q WHITE SW BL.L.
	35 6107	HANDLE CASE MN VIDEOWALL 273.1		77 41619	COIL DEGAUSSING MN 40 SCM28CSA
	36 1914	SCREW DIN965 M 3 X10 MC+		80 0194	FIX TV 40 DEC FRAME
	36 19245	SCREW DIN965 M 4 X10 MC+		80 0217	SPRING TV 40 RGB
	36 2066	SCREW DIN84 M 5 X10 MP-		80 1547	CASE MN 40 SCM28 FIX CENTREP
	36 2077	SCREW DIN84 M 6 X10 MP-		80 1572	CASE MN 40 SCM28 SPACER CRT
	36 2121	SCREW DIN7985 M 3 X 6 MP+		80 1584	CASE MN 40 SCM28 FIX FRAME L
	36 21525	SCREW DIN7985 M 4 X10 MP+		80 1585	CASE MN 40 SCM28 FIX FRAME R
	36 21533	SCREW DIN7985 M 4 X12 TWOLOK		80 1618	FIX MN 40 SCM28 PLATE
	36 2154	SCREW DIN7985 M 4 X16 MP+		80 1627	ISOL MN 40 SCM28 STRIP L30X585
	36 26705	SCREW DIN921 M 3 X10 MP-		80 1628	ISOL MN 40 SCM28 STRIP L30X440
	36 3501	SCREW DIN7976 2,9X 6,5 M HC		80 1714	SCREW NUT CRT H7 M5/M3 SCM2840
	36 3595	SCREW DIN7981 2,2X 4,5 MP+C		80 1756	PLATE MN 40 SCM28 COVER CLEAR
	36 6102	NUT DIN934 M 3 HEXAGON		80 1895	FIX MN 40 SCM28 CRT SET
	36 6103	NUT DIN934 M 4 HEXAGON		80 2312	CASE MN 40 SCM28 CASE CPL V2
	36 74546	RIVET P IN IN SSD42SSBS D3,2		80 2833	CASE MN 40 SCM28 BACKCOVER
	36 7457	RIVET P AL FE TAP/D/BS410 D3,2		80 2941	MODIF. CRT BLACK LINE 130956
	36 7502	WASHER DIN6798 A 3,2		80 4099	BOX FIT SCM2846/40 CPL
	36 7503	WASHER DIN6798 A 4,3		80 4112	BOX 0201 705X545X588 HOHOH
	36 7504	WASHER DIN6798 A 5,3	0011	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
	59 0206	LABEL EARTH			

SCM 2840 MK II RGB

93 30597

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
03	30599	OPIBAR SCM 2840 MKII RGB	36	7502	WASHER DIN6798 A 3,2
30	6663	COIL MN 40 DEGAUSS SCM28	36	7503	WASHER DIN6798 A 4,3
31	2000	SPRING 7 X50 /0,6	36	7504	WASHER DIN6798 A 5,3
32	61031	CORD MAINS 3X0,75MM2 2XEUR(S)	71	4937	NUT SC M3 BV MS
34	8019	WIRE TIE L100	72	1709	FIX TV 40 CASE UP 56
34	8020	WIRE TIE L110	72	1813	FIX MN 40 DCD26 FRAME
34	8024	FASTENER WIRE SADDLE LWS-2R-A	72	2050	FRF MN 40 SCM28
34	8073	WIRE TIE L356 B2,4	76	11297	UN AKWADAG(1260) TV 40 70
34	8076	WIRE STANDOFF D11,9 H19	76	1682	UN FRAME MN 40 SCM28 BLACKLINE
34	8218	UN WIRE MN 40 SCM28 CVS P	76	1687	UN I/O MN 40 SCM28 RGB MK2
34	93755	CORD BE DEF CPL 34	76	1936	UN DEC MN 40 PCM21 RGB SD
35	6107	HANDLE CASE MN VIDEOWALL 273.1	80	0194	FIX TV 40 DEC FRAME
36	1914	SCREW DIN965 M 3 X10 MC+	80	0217	SPRING TV 40 RGB
36	19245	SCREW DIN965 M 4 X10 MC+	80	1547	CASE MN 40 SCM28 FIX CENTREP
36	2066	SCREW DIN84 M 5 X10 MP-	80	1549	CASE MN 40 SCM28 BACKCOVER
36	2077	SCREW DIN84 M 6 X10 MP-	80	1572	CASE MN 40 SCM28 SPACER CRT
36	2121	SCREW DIN7985 M 3 X 6 MP+	80	1584	CASE MN 40 SCM28 FIX FRAME L
36	21525	SCREW DIN7985 M 4 X10 MP+	80	1585	CASE MN 40 SCM28 FIX FRAME R
36	21533	SCREW DIN7985 M 4 X12 TWOLOK	80	1618	FIX MN 40 SCM28 PLATE
36	2154	SCREW DIN7985 M 4 X16 MP+	80	1714	SCREW NUT CRT H7 M5/M3 SCM2840
36	26705	SCREW DIN921 M 3 X10 MP-	80	1756	PLATE MN 40 SCM28 COVER CLEAR
36	3501	SCREW DIN7976 2,9X 6,5 M HC	80	1895	FIX MN 40 SCM28 CRT SET
36	3595	SCREW DIN7981 2,2X 4,5 MP+C	80	2312	CASE MN 40 SCM28 CASE CPL V2
36	6102	NUT DIN934 M 3 HEXAGON	80	2941	MODIF. CRT BLACK LINE 130956
36	6103	NUT DIN934 M 4 HEXAGON	80	4099	BOX FIT SCM2846/40 CPL
36	74546	RIVET P IN IN SSD42SSBS D3,2	80	4112	BOX 0201 705X545X588 HOHOH
36	7457	RIVET P AL FE TAP/D/BS410 D3,2			

SCM 2840 MK II RGB

93 30599

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
001.	34 8004	WIRE TIE L140		36 7503	WASHER DIN6798 A 4,3
0011	36 7455	RIVET P AL FE TAP/D/BS46 D3,2		36 7504	WASHER DIN6798 A 5,3
	03 30599	OPIBAR SCM 2840 MKII RGB		71 4937	NUT SC M3 BV MS
	31 2000	SPRING 7 X50 /0,6		72 1709	FIX TV 40 CASE UP 56
	32 6111	CORD MAINS 3XAWG18 UL-CSA/EUR		72 1813	FIX MN 40 DCD26 FRAME
	34 8004	WIRE TIE L140		72 2050	FRF MN 40 SCM28
	34 8019	WIRE TIE L100		76 11297	UN AKWADAG(1260) TV 40 70
	34 8020	WIRE TIE L110		76 1687	UN I/O MN 40 SCM28 RGB MK2
	34 8024	FASTENER WIRE SADDLE LWS-2R-A		76 1936	UN DEC MN 40 PCM21 RGB SD
	34 8076	WIRE STANDOFF D11,9 H19		76 1941	UN FRAME MN 40 SUP SCM28 110 B
	34 8218	UN WIRE MN 40 SCM28 CVS P		77 41619	COIL DEGAUSSING MN 40 SCM28CSA
	34 93755	CORD BE DEF CPL 34		80 0194	FIX TV 40 DEC FRAME
	35 6107	HANDLE CASE MN VIDEOWALL 273.1		80 0217	SPRING TV 40 RGB
	36 1914	SCREW DIN965 M 3 X10 MC+		80 1547	CASE MN 40 SCM28 FIX CENTREP
	36 19245	SCREW DIN965 M 4 X10 MC+		80 1572	CASE MN 40 SCM28 SPACER CRT
	36 2066	SCREW DIN84 M 5 X10 MP-		80 1584	CASE MN 40 SCM28 FIX FRAME L
	36 2077	SCREW DIN84 M 6 X10 MP-		80 1585	CASE MN 40 SCM28 FIX FRAME R
	36 2121	SCREW DIN7985 M 3 X 6 MP+		80 1618	FIX MN 40 SCM28 PLATE
	36 21525	SCREW DIN7985 M 4 X10 MP+		80 1627	ISOL MN 40 SCM28 STRIP L30X585
	36 21533	SCREW DIN7985 M 4 X12 TWOLOK		80 1628	ISOL MN 40 SCM28 STRIP L30X440
	36 2154	SCREW DIN7985 M 4 X16 MP+		80 1714	SCREW NUT CRT H7 M5/M3 SCM2840
	36 26705	SCREW DIN921 M 3 X10 MP-		80 1756	PLATE MN 40 SCM28 COVER CLEAR
	36 3501	SCREW DIN7976 2,9X 6,5 M HC		80 1895	FIX MN 40 SCM28 CRT SET
	36 3595	SCREW DIN7981 2,2X 4,5 MP+C		80 2312	CASE MN 40 SCM28 CASE CPL V2
	36 6102	NUT DIN934 M 3 HEXAGON		80 2833	CASE MN 40 SCM28 BACKCOVER
	36 6103	NUT DIN934 M 4 HEXAGON		80 2941	MODIF. CRT BLACK LINE 130956
	36 74546	RIVET P IN IN SSD42SSBS D3,2		80 4099	BOX FIT SCM2846/40 CPL
	36 7457	RIVET P AL FE TAP/D/BS410 D3,2		80 4112	BOX 0201 705X545X588 HOHOH
	36 7502	WASHER DIN6798 A 3,2	0011	36 7455	RIVET P AL FE TAP/D/BS46 D3,2

DECODERS

Decoders

- * Printed circuit board
- * Adjustment procedure

76 1686 : P/S/N3/N4 decoder

- * Schematic diagram
- * Parts listing

76 1936 : Decoder RGB

- * Schematic diagram
- * Parts listing

76 1942 : P/S/N4 decoder

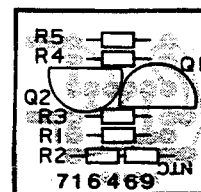
- * Schematic diagram
- * Parts listing

76 1954 : P/S/N3/N4 decoder

- * Schematic diagram
- * Parts listing

76 1971 : P/S/N3/N4 decoder

- * Schematic diagram
- * Parts listing



Subunit no. 76 1481 (Current Amplifier) of P/S/N3/N4 decoder 76 1954

Unit nos.:

- 76 1686
- 76 1936
- 76 1942
- 76 1954
- 76 1971

Name DECODERS		Article no.
Date 10/10/1991	Drawn RIP	Checked RIP
Video & Communications		

DECODERS

A. Adjustment procedure for decoder no. 76 1686

Feed a PAL color test pattern.

1. Reference oscillator (C63)

- If there is no color, adjust trimming capacitor C63 until you see a color picture.
- Short-circuit pin 17 of IC3 to ground.
- Adjust the trimming capacitor C63 to obtain a color zero beat.
- Remove the short-circuit.

2. Chroma rejector (L54)

- Connect an oscilloscope to pin 2 of IC2 (Y-signal).
- Adjust L54 to obtain a minimal chroma component in the Y-signal.

3. Chroma filter (L50)

- Connect an oscilloscope to pin 15 of IC3 (C-signal).
- Adjust L50 to obtain a maximal chroma signal.

4. Delay line matrix (L40-P40)

- Connect an oscilloscope to pin 18 of IC2 ((B-Y) signal).
- Adjust L40 (delayed phase adjustment) and P40 (delayed amplitude adjustment) to obtain the situation of fig. A (see page 7). Fig. B shows the situation in case of an incorrect adjustment.
- Write down the amplitude of the (B-Y) signal.
- Connect an oscilloscope to pin 17 of IC2 ((R-Y) signal).
- Write down the amplitude of the (R-Y) signal.

Feed a SECAM color test pattern.

5. SECAM identification (L41)

- Connect a voltmeter between pins 20 and 21 of IC3.
- Adjust L41 to obtain a maximal voltage reading with correct color reproduction.

6. Bell filter (L51)

- Connect an oscilloscope to pin 15 of IC3.
- Adjust L51 to obtain a flat amplitude between two successive video lines.

7. (B-Y) discriminator (L44-P42)

- Connect an oscilloscope to pin 18 of IC2.
- Adjust L44 so that the level of the (B-Y) signal without color information equals the level during blanking.
- Adjust P42 to obtain the same amplitude of the (B-Y) signal as in §4.

8. (R-Y) discriminator (L43-P41)

- Connect an oscilloscope to pin 17 of IC2.
- Adjust L43 so that the level of the (R-Y) signal without color information equals the level during blanking.
- Adjust P41 to obtain the same amplitude of the (R-Y) signal as in §4.

Feed an NTSC3,58 test pattern.

9. Reference oscillator (C65)

- If you get no color, adjust trimming capacitor C65 until you see color on the screen.
- Short-circuit pin 17 of IC3 to ground.
- Adjust C65 to obtain a color zero beat.
- Remove the short-circuit.

10. Chroma rejector (L53)

- Connect an oscilloscope to pin 15 of IC2 (Y-signal).
- Adjust L53 to obtain a minimal chroma component in the Y-signal.

11. Chroma filter (L52)

- Connect an oscilloscope to pin 15 of IC3 (C-signal).
- Adjust L52 to obtain a maximal chroma signal.

12. Maximum saturation (P1)

- Connect a voltmeter to edge contact 3 of the PC board connector.
- Adjust the colour saturation with the potentiometer on the I/O board for +3,33V reading on the voltmeter.
- Connect the oscilloscope to resistor R150 'B out' (side plug D).
- Adjust P1 so that the bleu signals are on the same level (see fig. C)

13. Gain (P4, P2, P3)

- Switch off the beam current limiter by short circuiting diode D7.
- Adjust colour saturation and brightness for 2,5V and contrast for 3V on the edge connector J3.
- Adjust the potentiometer P4 (red), P2 (green) and P3 (blue) until the amplitude value (between black and white level with a video input signal of 1 Vpp) of the colour signal on the respective output (plug D) corresponds to the values indicated below :
Red : 90V, Green : 95V, Blue : 100V.
- Remove the short-circuit.

DECODERS

B. Adjustment procedure for RGB decoder no. 76 1936

Remark: For these adjustments a colour analyser is needed.

1. Brightness and contrast adjustment

Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42 on the I/O board) to get 2 nit light output.

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41 on the I/O board) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

2. Colour temperature adjustment

The colour temperature adjustment has to be done by means of the gain potentiometers on the decoder board.

- Set the contrast potentiometer on the I/O board in its maximum position.
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the gain potentiometers P4 (red), P2 (green) and P3 (blue) for a voltage of R=5,6V, G=6,5V and B=7,9V on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the two other presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42 on the I/O board) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor
- Set up the gain potentiometers P4 (red), P2 (green) and P3 (blue) to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct adjustment is obtained.

C. Adjustment procedure for decoder no. 76 1942

Feed a PAL color test pattern.

1. Reference oscillator (C63)

- If there is no color, adjust trimming capacitor C63 until you see a color picture.
- Short-circuit pin 17 of IC3 to ground.
- Adjust the trimming capacitor C63 to obtain a color zero beat.
- Remove the short-circuit.

2. Chroma rejector (L54)

- Connect an oscilloscope to pin 2 of IC2 (Y-signal).
- Adjust L54 to obtain a minimal chroma component in the Y-signal.

3. Chroma filter (L50)

- Connect an oscilloscope to pin 15 of IC3 (C-signal)
- Adjust L50 to obtain a maximal chroma signal.

4. Delay line matrix (L40-P40)

- Connect an oscilloscope to pin 18 of IC2 ((B-Y) signal).
- Adjust L40 (delayed phase adjustment) and P40 (delayed amplitude adjustment) to obtain the situation of fig. A (see page 7). Fig. B shows the situation in case of an incorrect adjustment.
- Write down the amplitude of the (B-Y) signal.
- Connect an oscilloscope to pin 17 of IC2 ((R-Y) signal).
- Write down the amplitude of the (R-Y) signal.

Feed a SECAM color test pattern.

5. SECAM identification (L41)

- Connect a voltmeter between pins 20 and 21 of IC3.
- Adjust L41 to obtain a maximal voltage reading with correct color reproduction.

6. Bell filter (L51)

- Connect an oscilloscope to pin 15 of IC3.
- Adjust L51 to obtain a flat amplitude between two successive video lines.

7. (B-Y) discriminator (L44-P42)

- Connect an oscilloscope to pin 18 of IC2.
- Adjust L44 so that the level of the (B-Y) signal without color information equals the level during blanking.
- Adjust P42 to obtain the same amplitude of the (B-Y) signal as in §4.

DECODERS

8. (R-Y) discriminator (L43-P41)

- Connect an oscilloscope to pin 17 of IC2.
- Adjust L43 so that the level of the (R-Y) signal without color information equals the level during blanking.
- Adjust P41 to obtain the same amplitude of the (R-Y) signal as in §4.

9. Max. saturation (P1)

- Connect a voltmeter to edge contact 3 of the PC board connector.
- Adjust the colour saturation with the potentiometer on the I/O board for +3,33V reading on the voltmeter.
- Connect the oscilloscope to resistor R150 "B out" (side plug D).
- Adjust P1 so that the blue signals are on the same level (see fig. C).

10. Gain (only for DCD 2440 MKII and DCD 2840 MKII)

- Switch off the beam current limiter by short circuiting diode D7.
- Adjust colour saturation and brightness for 2,5V and contrast for 3V on the edge connector J3.
- Adjust the potentiometer P4 (red), P2 (green) and P3 (blue) until the amplitude value (between black and white level with a video input signal of 1 Vpp) of the colour signal on the respective output (plug D) corresponds to the values indicated below :
Red : 90V, Green : 95V, Blue : 100V.
- Remove the short-circuit.

Remark: For these adjustments a colour analyser is needed.

11. Brightness and contrast adjustment (only for SCM 2140)

Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42 on the I/O board) to get 2 nit light output.

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41 on the I/O board) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

12. Colour temperature adjustment (only for SCM 2140)

The colour temperature adjustment has to be done by means of the gain potmeters on the decoder board.

- Set the contrast potentiometer in its maximum position.
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the gain potentiometers P4 (red), P2 (green) and P3 (blue) for a voltage of R=5,6V, G=6,5V and B=7,9V on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the other two presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor
- Set up the gain potentiometers P4 (red), P2 (green) and P3 (blue) to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct adjustment is obtained.

DECODERS

D. Adjustment procedure for decoder no. 76 1954

Feed a PAL color test pattern.

1. Reference oscillator (C63)

- If there is no color, adjust trimming capacitor C63 until you see a color picture.
- Short-circuit pin 17 of IC3 to ground.
- Adjust the trimming capacitor C63 to obtain a color zero beat.
- Remove the short-circuit.

2. Chroma rejector (L54)

- Connect an oscilloscope to pin 2 of IC2 (Y-signal).
- Adjust L54 to obtain a minimal chroma component in the Y-signal.

3. Chroma filter (L50)

- Connect an oscilloscope to pin 15 of IC3 (C-signal)
- Adjust L50 to obtain a maximal chroma signal.

4. Delay line matrix (L40-P40)

- Connect an oscilloscope to pin 18 of IC2 ((B-Y) signal).
- Adjust L40 (delayed phase adjustment) and P40 (delayed amplitude adjustment) to obtain the situation of fig. A (see next page). Fig.B shows the situation in case of an incorrect adjustment.
- Write down the amplitude of the (B-Y) signal.
- Connect an oscilloscope to pin 17 of IC2 ((R-Y) signal).
- Write down the amplitude of the (R-Y) signal.

Feed a SECAM color test pattern.

8. SECAM Identification (L41)

- Connect a voltmeter between pins 20 and 21 of IC3.
- Adjust L41 to obtain a maximal voltage reading with correct color reproduction.

6. Bell filter (L51)

- Connect an oscilloscope to pin 15 of IC3.
- Adjust L51 to obtain a flat amplitude between two successive video lines.

7. (B-Y) discriminator (L44-P42)

- Connect an oscilloscope to pin 18 of IC2.
- Adjust L44 so that the level of the (B-Y) signal without color information equals the level during blanking.
- Adjust P42 to obtain the same amplitude of the (B-Y) signal as in §4.

8. (R-Y) discriminator (L43-P41)

- Connect an oscilloscope to pin 17 of IC2.
- Adjust L43 so that the level of the (R-Y) signal without color information equals the level during blanking.
- Adjust P41 to obtain the same amplitude of the (R-Y) signal as in §4.

Feed an NTSC3,58 test pattern.

9. Reference oscillator (C65)

- If you get no color, adjust trimming capacitor C65 until you see color on the screen.
- Short-circuit pin 17 of IC3 to ground.
- Adjust C65 to obtain a color zero beat.
- Remove the short-circuit.

10. Chroma rejector (L53)

- Connect an oscilloscope to pin 15 of IC2 (Y-signal).
- Adjust L53 to obtain a minimal chroma component in the Y-signal.

11. Chroma filter (L52)

- Connect an oscilloscope to pin 15 of IC3 (C-signal)
- Adjust L52 to obtain a maximal chroma signal.

12. Max. saturation (P1)

- Connect a voltmeter to edge contact 3 of the PC board connector.
- Adjust the colour saturation with the potentiometer on the I/O board for +3,33V reading on the voltmeter.
- Connect the oscilloscope to resistor R150 "B out" (side plug D).
- Adjust P1 so that the bleu signals are on the same level (see fig. C).

Remark: For these adjustments a colour analyser is needed.

13. Brightness and contrast adjustment

Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42) to get 2 nit light output.

DECODERS

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

14. Colour temperature adjustment

The colour temperature adjustment has to be done by means of six multiturn potmeters. The multiturns for red, green and blue under the colour temperature switch are selected for 8000 K, the ones above this switch for 3200 K. Putting the switch to the right will make the monitor choose the 8000 K colour temperature, putting the switch to the left will select the 3200°K colour temperature.

- Set the contrast potentiometer in its maximum position.
- Put the colour temperature switch in the right position (8000K).
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the multiturns for red (P1), green (P2) and blue (P3) on the I/O board for a voltage of R=5,6V, G=6,5V and B=7,9V on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the two other presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor.
- Set up the multiturns for red (P1), green (P2) and blue (P3) on the I/O board to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct adjustment is obtained.
- Put the colour temperature switch in the left position (3200K).
- Connect a 1Vpp 100% white video signal to the monitor
- Preadjust the multiturns for red (P4), green (P5) and blue (P6) on the I/O board for a voltage of R=7,5V, G=4,7V and B=0,6V.
- Set up the multiturns for red (P4), green (P5) and blue (P6) on the I/O board to get a light output of 250 nit with a colour temperature of 3200K.

E. Adjustment procedure for decoder no. 76 1971

Feed a PAL color test pattern.

1. Reference oscillator (C63)

- If there is no color, adjust trimming capacitor C63 until you see a color picture.
- Short-circuit pin 17 of IC3 to ground.
- Adjust the trimming capacitor C63 to obtain a color zero beat.
- Remove the short-circuit.

2. Chroma rejector (L54)

- Connect an oscilloscope to pin 2 of IC2 (Y-signal).
- Adjust L54 to obtain a minimal chroma component in the Y-signal.

3. Chroma filter (L50)

- Connect an oscilloscope to pin 15 of IC3 (C-signal)
- Adjust L50 to obtain a maximal chroma signal.

4. Delay line matrix (L40-P40)

- Connect an oscilloscope to pin 18 of IC2 ((B-Y) signal).
- Adjust L40 (delayed phase adjustment) and P40 (delayed amplitude adjustment) to obtain the situation of fig. A (see page 7). Fig. B shows the situation in case of an incorrect adjustment.
- Write down the amplitude of the (B-Y) signal.
- Connect an oscilloscope to pin 17 of IC2 ((R-Y) signal).
- Write down the amplitude of the (R-Y) signal.

Feed a SECAM color test pattern.

8. SECAM identification (L41)

- Connect a voltmeter between pins 20 and 21 of IC3.
- Adjust L41 to obtain a maximal voltage reading with correct color reproduction.

6. Bell filter (L51)

- Connect an oscilloscope to pin 15 of IC3.
- Adjust L51 to obtain a flat amplitude between two successive video lines.

7. (B-Y) discriminator (L44-P42)

- Connect an oscilloscope to pin 18 of IC2.
- Adjust L44 so that the level of the (B-Y) signal without color information equals the level during blanking.
- Adjust P42 to obtain the same amplitude of the (B-Y) signal as in §4.

DECODERS

8. (R-Y) discriminator (L43-P41)

- Connect an oscilloscope to pin 17 of IC2.
- Adjust L43 so that the level of the (R-Y) signal without color information equals the level during blanking.
- Adjust P41 to obtain the same amplitude of the (R-Y) signal as in §4.

Feed an NTSC3,58 test pattern.

9. Reference oscillator (C65)

- If you get no color, adjust trimming capacitor C65 until you see color on the screen.
- Short-circuit pin 17 of IC3 to ground.
- Adjust C65 to obtain a color zero beat.
- Remove the short-circuit.

10. Chroma rejector (L53)

- Connect an oscilloscope to pin 15 of IC2 (Y-signal).
- Adjust L53 to obtain a minimal chroma component in the Y-signal.

11. Chroma filter (L52)

- Connect an oscilloscope to pin 15 of IC3 (C-signal)
- Adjust L52 to obtain a maximal chroma signal.

12. Maximum saturation (P1)

- Connect a voltmeter to edge contact 3 of the PC board connector.
- Adjust the colour saturation with the potentiometer on the I/O board for +3,33V reading on the voltmeter.
- Connect the oscilloscope to resistor R150 "B out" (side plug D).
- Adjust P1 so that the blue signals are on the same level (see fig. C).

13. Gain (only for PAT OCM 2840 MKII)

- Switch off the beam current limiter by short circuiting diode D7.
- Adjust colour saturation and brightness for 2,5V and contrast for 3V on the edge connector J3.
- Adjust the potentiometer P4 (red), P2 (green) and P3 (blue) until the amplitude value (between black and white level with a video input signal of 1 Vpp) of the colour signal on the respective output (plug D) corresponds to the values indicated below :
Red : 90V, Green : 95V, Blue : 100V.
- Remove the short-circuit.

Remark: For these adjustments a colour analyser is needed.

14. Brightness and contrast adjustment (only for PAT SCM 2840 MKII)

Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42 on the I/O board) to get 2 nit light output.

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41 on the I/O board) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

15. Colour temperature adjustment (only for PAT SCM 2840 MKII)

The colour temperature adjustment has to be done by means of the gain potentiometers on the decoder board.

- Set the contrast potentiometer in its maximum position.
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the gain potentiometers P4 (red), P2 (green) and P3 (blue) for a voltage of R=5,6V, G=6,5V and B=7,9V on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the other two presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor
- Set up the gain potentiometers P4 (red), P2 (green) and P3 (blue) to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct adjustment is obtained.

DECODERS

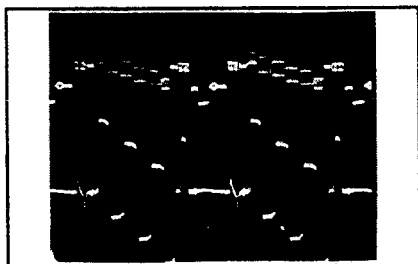


Fig. A:
Upper track: video signal
Lower track: correctly adjusted PAL delay decoder

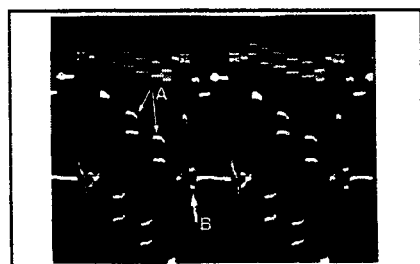


Fig. B:
Upper track: video signal
Lower track: A. incorrect PHASE setting
B. incorrect AMPLITUDE setting

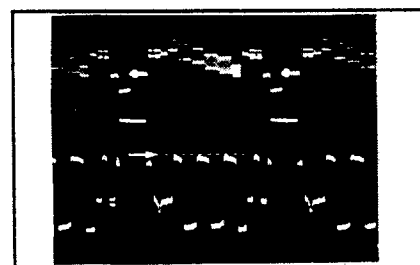


Fig. C:
Max. saturation P1:
Upper track: viewed VIDEO line
Lower track: BLUE output signal

P/S/N4/N3 DECODER SVHS

76 1686

P/S/N4/N3 DECODER SVHS

76 1686

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C..1	11 2774	C CE MI 100K U5 63	D171	13 1621	D 1N4148 SWITCH
C..2	11 2774	C CE MI 100K U5 63	D200	13 1621	D 1N4148 SWITCH
C..4	11 3724	C POMEFF 100K K5 63	D200	13 1621	D 1N4148 SWITCH
C..5	11 3724	C POMEFF 100K K5 63	D201	13 1621	D 1N4148 SWITCH
C..6	11 3724	C POMEFF 100K K5 63	D201	13 1621	D 1N4148 SWITCH
C..7	11 2774	C CE MI 100K U5 63	D202	13 1621	D 1N4148 SWITCH
C..9	11 2770	C CE MI 22K U5 63	D202	13 1621	D 1N4148 SWITCH
C.10	11 2770	C CE MI 22K U5 63	D203	13 1621	D 1N4148 SWITCH
C.11	11 2770	C CE MI 22K U5 63	D203	13 1621	D 1N4148 SWITCH
C.12	11 1511	C ELPRMI 33M M5 16	D204	13 1621	D 1N4148 SWITCH
C.13	11 1546	C ELPRMI 1M M5 50	D204	13 1621	D 1N4148 SWITCH
C.14	11 11841	C ELAX 1M T 40			
C.15	11 1510	C ELPRMI 22M M5 25	DL.1	30 6511	DELAY LINE M P/S DL710/1
C.17	11 3730	C POMEFF 330K K5 63	I..1	13 4002	U 7812 +12V/1A STAB
C.19	11 3724	C POMEFF 100K K5 63	I..2	13 2779	U 3505 TDA VID CTRL COMB
C.21	11 37161	C POMEFF 22K K5 100	I..3	13 2778	U 4555 TDA MULTI STD DEC
C.22	11 37161	C POMEFF 22K K5 100	I..4	13 2773	U 4560/65 TDA TRANS IMPR CIRC
C.23	11 1531	C ELPRMI 10M M5 35			
C.24	11 3730	C POMEFF 330K K5 63	L.40	77 4212	COIL N40 C5 D0,125 PALREC
C.25	11 3730	C POMEFF 330K K5 63	L.41	77 4212	COIL N40 C5 D0,125 PALREC
C.34	11 37161	C POMEFF 22K K5 100	L.42	30 6024	CHOKE RA NS 10 UH
C.35	11 2365	C N750MI 180P J5 63	L.43	77 4212	COIL N40 C5 D0,125 PALREC
C.36	11 2739	C CE MI 1K K5 63	L.44	77 4212	COIL N40 C5 D0,125 PALREC
C.37	11 37161	C POMEFF 22K K5 100	L.50	77 4212	COIL N40 C5 D0,125 PALREC
C.38	11 37161	C POMEFF 22K K5 100	L.51	77 3310	COIL N27,5 B5 D0,14 IF32
C.39	11 2774	C CE MI 100K U5 63	L.52	77 4212	COIL N40 C5 D0,125 PALREC
C.40	11 2763	C CE MI 10K U5 63	L.53	77 4211	COIL N56 B5 D0,125 PHASE
C.41	11 2243	C NPO MI 120P J5 63	L.54	77 4211	COIL N56 B5 D0,125 PHASE
C.42	11 2234	C NPO MI 22P G5 63			
C.43	11 2240	C NPO MI 68P J5 63	P..1	10 6109	R T CAMH 47K M OW1
C.44	11 2234	C NPO MI 22P G5 63	P..2	10 6107	R T CAMH 10K M OW1
C.45	11 2243	C NPO MI 120P J5 63	P..3	10 6107	R T CAMH 10K M OW1
C.46	11 2240	C NPO MI 68P J5 63	P..4	10 6107	R T CAMH 10K M OW1
C.47	11 2366	C N750MI 220P J5 63	P.40	10 6102	R T CAMH 220E M OW1
C.48	11 2366	C N750MI 220P J5 63	P.41	10 6105	R T CAMH 2K2 M OW1
C.50	11 11565	C ELAX 10M Z 25	P.42	10 6105	R T CAMH 2K2 M OW1
C.51	11 2364	C N750MI 150P J5 63			
C.52	11 2739	C CE MI 1K K5 63	PC..	71 6226	PCB TV 40 DEC Q RGB ABL 761368
C.53	11 2366	C N750MI 220P J5 63	Q..1	13 25146	Q BF869 N 250 / 30
C.54	11 3730	C POMEFF 330K K5 63	Q..2	13 25146	Q BF869 N 250 / 30
C.55	11 59061	C PP RA 390P J5 100	Q..3	13 25146	Q BF869 N 250 / 30
C.56	11 2739	C CE MI 1K K5 63	Q..4	13 25146	Q BF869 N 250 / 30
C.57	11 2366	C N750MI 220P J5 63	Q..5	13 25146	Q BF869 N 250 / 30
C.58	11 2739	C CE MI 1K K5 63	Q..6	13 25146	Q BF869 N 250 / 30
C.59	11 2243	C NPO MI 120P J5 63	Q..7	13 1491	Q BSX20,2369 N 15 / 0A2
C.60	11 3732	C POMEFF 470K K5 63	Q.11	13 1429	Q BC548B N 30 / 0A1
C.61	11 22415	C NPO MI 82P J5 63	Q.12	13 1429	Q BC548B N 30 / 0A1
C.62	11 2739	C CE MI 1K K5 63	Q.13	13 1429	Q BC548B N 30 / 0A1
C.63	11 7001	C T 7 -35P 160	Q.14	13 1429	Q BC548B N 30 / 0A1
C.64	11 2739	C CE MI 1K K5 63	Q.15	13 1429	Q BC548B N 30 / 0A1
C.65	11 7001	C T 7 -35P 160	Q.16	13 1429	Q BC548B N 30 / 0A1
C.66	11 3730	C POMEFF 330K K5 63	Q.17	13 1429	Q BC548B N 30 / 0A1
C.67	11 3720	C POMEFF 47K K5 63	Q.18	13 1429	Q BC548B N 30 / 0A1
C.69	11 2739	C CE MI 1K K5 63	Q.21	13 2507	Q BF324 P 30 / 25
C.70	11 3728	C POMEFF 220K K5 63	Q.22	13 2507	Q BF324 P 30 / 25
C.71	11 2238	C NPO MI 47P G5 63	Q.23	13 2507	Q BF324 P 30 / 25
C.72	11 1510	C ELPRMI 22M M5 25	Q.24	13 14311	Q BC327 P 45 / 0A5
C.80	11 1510	C ELPRMI 22M M5 25	Q200	13 1429	Q BC548B N 30 / 0A1
C.81	11 3730	C POMEFF 330K K5 63		13 14182	Q BC559C P 30 / 0A1
C.82	11 3730	C POMEFF 330K K5 63			
C.83	11 2242	C NPO MI 100P J5 63	R..5	10 11231	R CF 75E J OW25
C.84	11 2735	C CE MI 470P K5 63	R..6	10 1100	R CF 1E J OW25
C.85	11 2735	C CE MI 470P K5 63	R..7	10 11231	R CF 75E J OW25
C.86	11 2368	C N750MI 330P J5 63	R..9	10 11231	R CF 75E J OW25
C.87	11 22395	C NPO MI 56P G5 63	R.11	10 11231	R CF 75E J OW25
C.88	11 22395	C NPO MI 56P G5 63	R.12	10 1152	R CF 22K J OW25
C.89	11 3730	C POMEFF 330K K5 63	R.13	10 1156	R CF 47K J OW25
C.90	11 2242	C NPO MI 100P J5 63	R.14	10 1156	R CF 47K J OW25
C140	11 1571	C ELPR 2M2 M5 350	R.15	10 1159	R CF 82K J OW25
C141	11 4132	C POMEFF 100K K 250	R.16	10 1149	R CF 12K J OW25
C142	11 2774	C CE MI 100K U5 63	R.17	10 1160	R CF 100K J OW25
C143	11 2774	C CE MI 100K U5 63	R.18	10 1159	R CF 82K J OW25
C144	11 1478	C ELPR 220M Z5 25	R.23	10 1124	R CF 100E J OW25
C150	11 2831	C CE DI 3K3 S 400	R.24	10 1142	R CF 3K3 J OW25
C160	11 2831	C CE DI 3K3 S 400	R.25	10 1154	R CF 33K J OW25
C170	11 2831	C CE DI 3K3 S 400	R.26	10 1145	R CF 5K6 J OW25
C200	11 2366	C N750MI 220P J5 63	R.27	10 1153	R CF 27K J OW25
C201	11 11565	C ELAX 10M Z 25	R.30	10 1139	R CF 1K8 J OW25
D..7	13 1621	D 1N4148 SWITCH	R.30	10 1139	R CF 1K8 J OW25
D.50	13 1621	D 1N4148 SWITCH	R.31	10 1141	R CF 2K7 J OW25
D.51	13 1621	D 1N4148 SWITCH	R.32	10 0124	R CF V 100E J5 OW25
D.52	13 1621	D 1N4148 SWITCH	R.33	10 0364	R MF V 220K J OW25
D.53	13 1621	D 1N4148 SWITCH	R.34	10 1172	R CF 1M J OW25
D150	13 1628	D BAW62 SWITCH	R.42	10 1137	R CF 1K2 J OW25
D151	13 1621	D 1N4148 SWITCH	R.43	10 1131	R CF 390E J OW25
D160	13 1628	D BAW62 SWITCH	R.44	10 0327	R MF V 180E J OW25
D161	13 1621	D 1N4148 SWITCH	R.49	10 1130	R CF 330E J OW25
D170	13 1628	D BAW62 SWITCH			

P/S/N4/N3 DECODER SVHS

76 1686

SIT.	ITEM NUMBER	DESCRIPTION
R.50	10 1148	R CF 10K J 0W25
R.51	10 1153	R CF 27K J 0W25
R.52	10 1151	R CF 18K J 0W25
R.53	10 1136	R CF 1K J 0W25
R.54	10 1138	R CF 1K5 J 0W25
R.55	10 1142	R CF 3K3 J 0W25
R.56	10 1150	R CF 15K J 0W25
R.60	10 1140	R CF 2K2 J 0W25
R.62	10 1150	R CF 15K J 0W25
R.63	10 1132	R CF 470E J 0W25
R.64	10 1127	R CF 180E J 0W25
R.65	10 1150	R CF 15K J 0W25
R.66	10 1140	R CF 2K2 J 0W25
R.70	10 1122	R CF 68E J 0W25
R.71	10 1150	R CF 15K J 0W25
R.72	10 1122	R CF 68E J 0W25
R.73	10 1134	R CF 680E J 0W25
R.74	10 1140	R CF 2K2 J 0W25
R.75	10 1144	R CF 4K7 J 0W25
R.76	10 1144	R CF 4K7 J 0W25
R.77	10 1144	R CF 4K7 J 0W25
R.78	10 1134	R CF 680E J 0W25
R.79	10 1124	R CF 100E J 0W25
R.80	10 1128	R CF 220E J 0W25
R.81	10 1128	R CF 220E J 0W25
R.82	10 1137	R CF 1K2 J 0W25
R.83	10 1136	R CF 1K J 0W25
R.84	10 1136	R CF 1K J 0W25
R.90	10 1148	R CF 10K J 0W25
R.91	10 1148	R CF 10K J 0W25
R.92	10 1148	R CF 10K J 0W25
R.93	10 1148	R CF 10K J 0W25
R.94	10 1144	R CF 4K7 J 0W25
R.95	10 1148	R CF 10K J 0W25
R.97	10 1150	R CF 15K J 0W25
R.98	10 1142	R CF 3K3 J 0W25
R.99	10 1164	R CF 220K J 0W25
R150	10 1124	R CF 100E J 0W25
R151	10 0234	R CF V 6K8 J5 0W5
R152	10 0234	R CF V 6K8 J5 0W5
R153	10 01369	R CFFV 1K J5 0W25
R154	10 1134	R CF 680E J 0W25
R157	10 1137	R CF 1K2 J 0W25
R159	10 3158	R MO 68K J 0W7
R160	10 1124	R CF 100E J 0W25
R161	10 0234	R CF V 6K8 J5 0W5
R162	10 0234	R CF V 6K8 J5 0W5
R163	10 01369	R CFFV 1K J5 0W25
R164	10 1134	R CF 680E J 0W25
R167	10 1136	R CF 1K J 0W25
R169	10 3158	R MO 68K J 0W7
R170	10 1124	R CF 100E J 0W25
R171	10 0234	R CF V 6K8 J5 0W5
R172	10 0234	R CF V 6K8 J5 0W5
R173	10 01369	R CFFV 1K J5 0W25
R174	10 1134	R CF 680E J 0W25
R177	10 1135	R CF 820E J 0W25
R179	10 3158	R MO 68K J 0W7
R180	10 11249	R CFF 100E J 0W25
R182	10 1138	R CF 1K5 J 0W25
R184	10 1133	R CF 560E J 0W25
R185	10 1131	R CF 390E J 0W25
R186	10 1133	R CF 560E J 0W25
R200	10 1140	R CF 2K2 J 0W25
R201	10 1156	R CF 47K J 0W25
R202	10 1144	R CF 4K7 J 0W25
R203	10 1154	R CF 33K J 0W25
R204	10 1150	R CF 15K J 0W25
	10 1138	R CF 1K5 J 0W25
XT.1	30 6816	X-TAL 8,867 238 MHZ
XT.2	30 6849	X-TAL 7,159 090 MHZ 5MM
	76 1600D	UN DEC TV 40 Q RGB SVHS
001.	31 3251	J PIN MBT D 0,8
001.	31 3572	J MT MBT P 3 2,5 BLA
002.	31 35780	J MT MBT P 4 7,5 LOCK
003.	31 35866	J MT MBT P 7 2,5 BLU
004.	30 2061	COIL CAN 10X10X12
005.	31 3584	J MT MBT P 2 2,5 BLA
006.	31 33921	J JUMP FMT P 2 2,5
007.	80 1001	SCREEN MN 40 DEC QUAD
8100	34 8100	WIRE JUMPER 0,6 M AUTOM
	34 6989	SLEEVE SHRINK D1,2/0,6 BLA

DECODER RGB

76 1936

DECODER RGB

76 1936

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C..1	11 2774	C CE MI 100K U5 63	R172	10 0234	R CF V 6K8 J5 OW5
C..2	11 2774	C CE MI 100K U5 63	R173	10 01369	R CFFV 1K J5 OW25
C..4	11 3724	C POMEFF 100K K5 63	R174	10 1134	R CF 680E J OW25
C..5	11 3724	C POMEFF 100K K5 63	R177	10 1136	R CF 1K J OW25
C..6	11 3724	C POMEFF 100K K5 63	R179	10 3158	R MO 68K J OW7
C..7	11 2774	C CE MI 100K U5 63	R180	10 01289	R CFFV 220E J5 OW25
C..9	11 2770	C CE MI 22K U5 63	R180	10 11249	R CFF 100E J OW25
C.10	11 2770	C CE MI 22K U5 63	R184	10 1133	R CF 560E J OW25
C.11	11 2770	C CE MI 22K U5 63	R185	10 1131	R CF 390E J OW25
C.12	11 1511	C ELPRMI 33M M5 16	R186	10 1133	R CF 560E J OW25
C.13	11 1546	C ELPRMI 1M M5 50		10 1138	R CF 1K5 J OW25
C.15	11 1510	C ELPRMI 22M M5 25			
C.17	11 3730	C POMEFF 330K K5 63	002.	31 35780	J MT MBT P 4 7,5 LOCK
C.23	11 1531	C ELPRMI 10M M5 35	005.	31 3584	J MT MBT P 2 2,5 BLA
C.24	11 3730	C POMEFF 330K K5 63	8100	34 8100	WIRE JUMPER 0,6 M AUTOM
C.25	11 3730	C POMEFF 330K K5 63		34 6989	SLEEVE SHRINK D1,2/0,6 BLA
C.71	11 3724	C POMEFF 100K K5 63			
C140	11 1571	C ELPR 2M2 M5 350			
C141	11 4132	C POMEFF 100K K 250			
C142	11 2774	C CE MI 100K U5 63			
C143	11 2774	C CE MI 100K U5 63			
C144	11 1478	C ELPR 220M Z5 25			
C150	11 2831	C CE DI 3K3 S 400			
C160	11 2831	C CE DI 3K3 S 400			
C170	11 2831	C CE DI 3K3 S 400			
D..7	13 1621	D 1N4148 SWITCH			
D150	13 1628	D BAW62 SWITCH			
D151	13 1621	D 1N4148 SWITCH			
D160	13 1628	D BAW62 SWITCH			
D161	13 1621	D 1N4148 SWITCH			
D170	13 1628	D BAW62 SWITCH			
D171	13 1621	D 1N4148 SWITCH			
I..1	13 4002	U 7812 +12V/1A STAB			
I..2	13 2779	U 3505 TDA VID CTRL COMB			
P..2	10 6107	R T CAMH 10K M OW1			
P..3	10 6107	R T CAMH 10K M OW1			
P..4	10 6107	R T CAMH 10K M OW1			
PC..	71 6226	PCB TV 40 DEC Q RGB ABL 761368			
Q..1	13 25146	Q BF869 N 250 / 30			
Q..2	13 25146	Q BF869 N 250 / 30			
Q..3	13 25146	Q BF869 N 250 / 30			
Q..4	13 25146	Q BF869 N 250 / 30			
Q..5	13 25146	Q BF869 N 250 / 30			
Q..6	13 25146	Q BF869 N 250 / 30			
Q..7	13 1491	Q BSX20,2369 N 15 / 0A2			
Q.21	13 2507	Q BF324 P 30 / 25			
Q.22	13 2507	Q BF324 P 30 / 25			
Q.23	13 2507	Q BF324 P 30 / 25			
Q.24	13 14311	Q BC327 P 45 / 0A5			
R..5	10 11231	R CF 75E J OW25			
R..6	10 1100	R CF 1E J OW25			
R..7	10 11231	R CF 75E J OW25			
R..9	10 11231	R CF 75E J OW25			
R.11	10 11231	R CF 75E J OW25			
R.13	10 1156	R CF 47K J OW25			
R.14	10 1156	R CF 47K J OW25			
R.15	10 1159	R CF 82K J OW25			
R.16	10 1149	R CF 12K J OW25			
R.17	10 1160	R CF 100K J OW25			
R.23	10 1124	R CF 100E J OW25			
R.24	10 1142	R CF 3K3 J OW25			
R.25	10 1154	R CF 33K J OW25			
R.26	10 1145	R CF 5K6 J OW25			
R.27	10 1153	R CF 27K J OW25			
R.30	10 1139	R CF 1K8 J OW25			
R.31	10 1141	R CF 2K7 J OW25			
R.94	10 1144	R CF 4K7 J OW25			
R150	10 1124	R CF 100E J OW25			
R151	10 0234	R CF V 6K8 J5 OW5			
R152	10 0234	R CF V 6K8 J5 OW5			
R153	10 01369	R CFFV 1K J5 OW25			
R154	10 1134	R CF 680E J OW25			
R157	10 1136	R CF 1K J OW25			
R159	10 3158	R MO 68K J OW7			
R160	10 1124	R CF 100E J OW25			
R161	10 0234	R CF V 6K8 J5 OW5			
R162	10 0234	R CF V 6K8 J5 OW5			
R163	10 01369	R CFFV 1K J5 OW25			
R164	10 1134	R CF 680E J OW25			
R167	10 1136	R CF 1K J OW25			
R169	10 3158	R MO 68K J OW7			
R170	10 1124	R CF 100E J OW25			
R171	10 0234	R CF V 6K8 J5 OW5			

P/S/N4 DECODER

76 1942

P/S/N4 DECODER

76 1942

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C..1	11 2774	C CE MI 100K U5 63	L.40	77 4212	COIL N40 C5 D0,125 PALREC
C..2	11 2774	C CE MI 100K U5 63	L.41	77 4212	COIL N40 C5 D0,125 PALREC
C..4	11 3724	C POMEFF 100K K5 63	L.42	30 6024	CHOKE RA NS 10 UH
C..5	11 3724	C POMEFF 100K K5 63	L.43	77 4212	COIL N40 C5 D0,125 PALREC
C..6	11 3724	C POMEFF 100K K5 63	L.44	77 4212	COIL N40 C5 D0,125 PALREC
C..7	11 2774	C CE MI 100K U5 63	L.50	77 4212	COIL N40 C5 D0,125 PALREC
C..9	11 2770	C CE MI 22K U5 63	L.51	77 3310	COIL N27,5 B5 D0,14 IF32
C.10	11 2770	C CE MI 22K U5 63	L.54	77 4211	COIL N56 B5 D0,125 PHASE
C.11	11 2770	C CE MI 22K U5 63			
C.12	11 1511	C ELPRMI 33M M5 16	P..1	10 6109	R T CAMH 47K M OW1
C.13	11 1546	C ELPRMI 1M M5 50	P..2	10 6107	R T CAMH 10K M OW1
C.14	11 11841	C ELAX 1M T 40	P..3	10 6107	R T CAMH 10K M OW1
C.15	11 1532	C ELPRMI 22M M5 35	P..4	10 6107	R T CAMH 10K M OW1
C.17	11 3730	C POMEFF 330K K5 63	P.40	10 6102	R T CAMH 220E M OW1
C.19	11 3724	C POMEFF 100K K5 63	P.41	10 6105	R T CAMH 2K2 M OW1
C.21	11 37161	C POMEFF 22K K5 100	P.42	10 6105	R T CAMH 2K2 M OW1
C.22	11 37161	C POMEFF 22K K5 100			
C.23	11 1531	C ELPRMI 10M M5 35	PC..	71 6226	PCB TV 40 DEC Q RGB ABL 761368
C.24	11 3730	C POMEFF 330K K5 63			
C.25	11 3730	C POMEFF 330K K5 63	Q..1	13 25146	Q BF869 N 250 / 30
C.34	11 37161	C POMEFF 22K K5 100	Q..2	13 25146	Q BF869 N 250 / 30
C.35	11 2365	C N750MI 180P J5 63	Q..3	13 25146	Q BF869 N 250 / 30
C.36	11 2739	C CE MI 1K K5 63	Q..4	13 25146	Q BF869 N 250 / 30
C.37	11 37161	C POMEFF 22K K5 100	Q..5	13 25146	Q BF869 N 250 / 30
C.38	11 37161	C POMEFF 22K K5 100	Q..6	13 25146	Q BF869 N 250 / 30
C.39	11 2774	C CE MI 100K U5 63	Q..7	13 1491	Q BSX20,2369 N 15 / 0A2
C.40	11 2763	C CE MI 10K U5 63	Q.11	13 1429	Q BC548B N 30 / 0A1
C.41	11 2243	C NPO MI 120P J5 63	Q.12	13 1429	Q BC548B N 30 / 0A1
C.42	11 2234	C NPO MI 22P G5 63	Q.13	13 1429	Q BC548B N 30 / 0A1
C.43	11 2240	C NPO MI 68P J5 63	Q.21	13 2507	Q BF324 P 30 / 25
C.44	11 2234	C NPO MI 22P G5 63	Q.22	13 2507	Q BF324 P 30 / 25
C.45	11 2243	C NPO MI 120P J5 63	Q.23	13 2507	Q BF324 P 30 / 25
C.46	11 2240	C NPO MI 68P J5 63	Q.24	13 14311	Q BC327 P 45 / 0A5
C.47	11 2366	C N750MI 220P J5 63			
C.48	11 2366	C N750MI 220P J5 63	R..5	10 11231	R CF 75E J OW25
C.50	11 11565	C ELAX 10M Z 25	R..6	10 1100	R CF 1E J OW25
C.51	11 2364	C N750MI 150P J5 63	R..7	10 11231	R CF 75E J OW25
C.52	11 2739	C CE MI 1K K5 63	R..9	10 11231	R CF 75E J OW25
C.53	11 2366	C N750MI 220P J5 63	R.11	10 11231	R CF 75E J OW25
C.54	11 3730	C POMEFF 330K K5 63	R.12	10 1152	R CF 22K J OW25
C.55	11 59061	C PP RA 390P J5 100	R.13	10 1156	R CF 47K J OW25
C.56	11 2739	C CE MI 1K K5 63	R.14	10 1156	R CF 47K J OW25
C.61	11 22415	C NPO MI 82P J5 63	R.15	10 1159	R CF 82K J OW25
C.63	11 7001	C T 7 -35P 160	R.16	10 1149	R CF 12K J OW25
C.66	11 3730	C POMEFF 330K K5 63	R.17	10 1160	R CF 100K J OW25
C.67	11 3720	C POMEFF 47K K5 63	R.18	10 1159	R CF 82K J OW25
C.69	11 2739	C CE MI 1K K5 63	R.23	10 1124	R CF 100E J OW25
C.70	11 3728	C POMEFF 220K K5 63	R.24	10 1142	R CF 3K3 J OW25
C.71	11 2238	C NPO MI 47P G5 63	R.25	10 1154	R CF 33K J OW25
C.72	11 1510	C ELPRMI 22M M5 25	R.26	10 1145	R CF 5K6 J OW25
C.80	11 1510	C ELPRMI 22M M5 25	R.27	10 1153	R CF 27K J OW25
C.81	11 3730	C POMEFF 330K K5 63	R.30	10 1139	R CF 1K8 J OW25
C.82	11 3730	C POMEFF 330K K5 63	R.31	10 1141	R CF 2K7 J OW25
C.83	11 2242	C NPO MI 100P J5 63	R.32	10 0124	R CF V 100E J5 OW25
C.84	11 2735	C CE MI 470P K5 63	R.33	10 0364	R MF V 220K J OW25
C.85	11 2735	C CE MI 470P K5 63	R.34	10 1172	R CF 1M J OW25
C.86	11 2368	C N750MI 330P J5 63	R.42	10 1137	R CF 1K2 J OW25
C.87	11 22395	C NPO MI 56P G5 63	R.43	10 1131	R CF 390E J OW25
C.88	11 22395	C NPO MI 56P G5 63	R.44	10 0327	R MF V 180E J OW25
C.89	11 3730	C POMEFF 330K K5 63	R.49	10 1130	R CF 330E J OW25
C.90	11 2242	C NPO MI 100P J5 63	R.50	10 1148	R CF 10K J OW25
C140	11 1571	C ELPR 2M2 M5 350	R.51	10 1153	R CF 27K J OW25
C141	11 4132	C POMEFF 100K K 250	R.52	10 1151	R CF 18K J OW25
C142	11 2774	C CE MI 100K U5 63	R.53	10 1136	R CF 1K J OW25
C143	11 2774	C CE MI 100K U5 63	R.54	10 1138	R CF 1K5 J OW25
C144	11 1478	C ELPR 220M Z5 25	R.55	10 1142	R CF 3K3 J OW25
C150	11 2831	C CE DI 3K3 S 400	R.56	10 1150	R CF 15K J OW25
C160	11 2831	C CE DI 3K3 S 400	R.60	10 1140	R CF 2K2 J OW25
C170	11 2831	C CE DI 3K3 S 400	R.62	10 1150	R CF 15K J OW25
			R.66	10 1140	R CF 2K2 J OW25
D..7	13 1621	D 1N4148 SWITCH	R.72	10 1122	R CF 68E J OW25
D.50	13 1621	D 1N4148 SWITCH	R.73	10 1134	R CF 680E J OW25
D.51	13 1621	D 1N4148 SWITCH	R.75	10 1144	R CF 4K7 J OW25
D.52	13 1621	D 1N4148 SWITCH	R.77	10 1144	R CF 4K7 J OW25
D.53	13 1621	D 1N4148 SWITCH	R.79	10 1124	R CF 100E J OW25
D150	13 1628	D BAW62 SWITCH	R.80	10 1128	R CF 220E J OW25
D151	13 1621	D 1N4148 SWITCH	R.81	10 1128	R CF 220E J OW25
D160	13 1628	D BAW62 SWITCH	R.82	10 1137	R CF 1K2 J OW25
D161	13 1621	D 1N4148 SWITCH	R.83	10 1136	R CF 1K J OW25
D170	13 1628	D BAW62 SWITCH	R.84	10 1136	R CF 1K J OW25
D171	13 1621	D 1N4148 SWITCH	R.94	10 1144	R CF 4K7 J OW25
			R.95	10 1148	R CF 10K J OW25
DL.1	30 6511	DELAY LINE M P/S DL710/1	R.97	10 1150	R CF 15K J OW25
			R.98	10 1142	R CF 3K3 J OW25
I..1	13 4002	U 7812 +12V/1A STAB	R.99	10 1164	R CF 220K J OW25
I..2	13 2779	U 3505 TDA VID CTRL COMB	R150	10 1124	R CF 100E J OW25
I..3	13 2778	U 4555 TDA MULTI STD DEC	R151	10 0234	R CF V 6K8 J5 OW5
I..4	13 2773	U 4560/65 TDA TRANS IMPR CIRC	R152	10 0234	R CF V 6K8 J5 OW5

P/S/N4 DECODER

76 1942

SIT.	ITEM NUMBER	DESCRIPTION
R153	10 01369	R CFFV 1K J5 0W25
R154	10 1134	R CF 680E J 0W25
R157	10 1136	R CF 1K J 0W25
R159	10 3158	R MO 68K J 0W7
R160	10 1124	R CF 100E J 0W25
R161	10 0234	R CF V 6K8 J5 0W5
R162	10 0234	R CF V 6K8 J5 0W5
R163	10 01369	R CFFV 1K J5 0W25
R164	10 1134	R CF 680E J 0W25
R167	10 1136	R CF 1K J 0W25
R169	10 3158	R MO 68K J 0W7
R170	10 1124	R CF 100E J 0W25
R171	10 0234	R CF V 6K8 J5 0W5
R172	10 0234	R CF V 6K8 J5 0W5
R173	10 01369	R CFFV 1K J5 0W25
R174	10 1134	R CF 680E J 0W25
R177	10 1136	R CF 1K J 0W25
R179	10 3158	R MO 68K J 0W7
R180	10 11249	R CFF 100E J 0W25
R182	10 0324	R MF V 100E J 0W25
R184	10 1133	R CF 560E J 0W25
R185	10 1131	R CF 390E J 0W25
R186	10 1133	R CF 560E J 0W25
	10 1138	R CF 1K5 J 0W25
XT.1	30 6816	X-TAL 8,867 238 MHZ
001.	31 3251	J PIN MBT D 0,8
002.	31 35780	J MT MBT P 4 7,5 LOCK
004.	30 2061	COIL CAN 10X10X12
005.	31 3584	J MT MBT P 2 2,5 BLA
006.	31 33921	J JUMP FMT P 2 2,5
1000	34 81147	WIRE JUMPER ISO M 37,5
8100	34 8100	WIRE JUMPER 0,6 M AUTOM

P/S/N4/N3 DECODER

76 1954

P/S/N4/N3 DECODER

76 1954

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
	76 1481	UN CURRENT AMP MN 40	D170	13 1628	D BAW62 SWITCH
			D171	13 1621	D 1N4148 SWITCH
C..1	11 2774	C CE MI 100K U5 63	DL..1	30 6511	DELAY LINE M P/S DL710/1
C..2	11 2774	C CE MI 100K U5 63	I..1	13 4002	U 7812 +12V/1A STAB
C..4	11 3724	C POMEFF 100K K5 63	I..2	13 2779	U 3505 TDA VID CTRL COMB
C..5	11 3724	C POMEFF 100K K5 63	I..3	13 2778	U 4555 TDA MULTI STD DEC
C..6	11 3724	C POMEFF 100K K5 63	I..4	13 2773	U 4560/65 TDA TRANS IMPR CIRC
C..7	11 2774	C CE MI 100K U5 63			
C..9	11 2770	C CE MI 22K U5 63	L.40	77 4212	COIL N40 C5 D0,125 PALREC
C.10	11 2770	C CE MI 22K U5 63	L.41	77 4212	COIL N40 C5 D0,125 PALREC
C.11	11 2770	C CE MI 22K U5 63	L.42	30 6024	CHOKO RA NS 10 UH
C.12	11 1532	C ELPRMI 22M M5 35	L.43	77 4212	COIL N40 C5 D0,125 PALREC
C.13	11 1546	C ELPRMI 1M M5 50	L.44	77 4212	COIL N40 C5 D0,125 PALREC
C.14	11 11841	C ELAX 1M T 40	L.50	77 4212	COIL N40 C5 D0,125 PALREC
C.15	11 1532	C ELPRMI 22M M5 35	L.51	77 3310	COIL N27,5 B5 D0,14 IF32
C.17	11 3730	C POMEFF 330K K5 63	L.52	77 4212	COIL N40 C5 D0,125 PALREC
C.19	11 3724	C POMEFF 100K K5 63	L.53	77 4211	COIL N56 B5 D0,125 PHASE
C.21	11 37161	C POMEFF 22K K5 100	L.54	77 4211	COIL N56 B5 D0,125 PHASE
C.22	11 37161	C POMEFF 22K K5 100			
C.23	11 1531	C ELPRMI 10M M5 35	P..1	10 6109	R T CAMH 47K M OW1
C.24	11 3730	C POMEFF 330K K5 63	P.40	10 6102	R T CAMH 220E M OW1 410
C.25	11 3730	C POMEFF 330K K5 63	P.41	10 6105	R T CAMH 2K2 M OW1
C.34	11 37161	C POMEFF 22K K5 100	P.42	10 6105	R T CAMH 2K2 M OW1
C.35	11 2365	C N750MI 180P J5 63	PC..	71 6226	PCB TV 40 DEC Q RGB ABL 761368
C.36	11 2739	C CE MI 1K K5 63			
C.37	11 37161	C POMEFF 22K K5 100	Q..1	13 25146	Q BF869 N 250 / 30
C.38	11 37161	C POMEFF 22K K5 100	Q..2	13 25146	Q BF869 N 250 / 30
C.39	11 2774	C CE MI 100K U5 63	Q..3	13 25146	Q BF869 N 250 / 30
C.40	11 2763	C CE MI 10K U5 63	Q..4	13 25146	Q BF869 N 250 / 30
C.41	11 2243	C NPO MI 120P J5 63	Q..5	13 25146	Q BF869 N 250 / 30
C.42	11 2234	C NPO MI 22P G5 63	Q..6	13 25146	Q BF869 N 250 / 30
C.43	11 2240	C NPO MI 68P J5 63	Q..7	13 1491	Q BSX20,2369 N 15 / 0A2
C.44	11 2234	C NPO MI 22P G5 63	Q.11	13 1429	Q BC548B N 30 / 0A1
C.45	11 2243	C NPO MI 120P J5 63	Q.12	13 1429	Q BC548B N 30 / 0A1
C.46	11 2240	C NPO MI 68P J5 63	Q.13	13 1429	Q BC548B N 30 / 0A1
C.47	11 2366	C N750MI 220P J5 63	Q.14	13 1429	Q BC548B N 30 / 0A1
C.48	11 2366	C N750MI 220P J5 63	Q.15	13 1429	Q BC548B N 30 / 0A1
C.50	11 11565	C ELAX 10M Z 25	Q.16	13 1429	Q BC548B N 30 / 0A1
C.51	11 2364	C N750MI 150P J5 63	Q.17	13 1429	Q BC548B N 30 / 0A1
C.52	11 2739	C CE MI 1K K5 63	Q.18	13 1429	Q BC548B N 30 / 0A1
C.53	11 2366	C N750MI 220P J5 63	Q.21	13 2507	Q BF324 P 30 / 25
C.54	11 3730	C POMEFF 330K K5 63	Q.22	13 2507	Q BF324 P 30 / 25
C.55	11 59061	C PF RA 390P J5 100	Q.23	13 2507	Q BF324 P 30 / 25
C.56	11 2739	C CE MI 1K K5 63	Q.24	13 14311	Q BC327 P 45 / 0A5
C.57	11 2366	C N750MI 220P J5 63			
C.58	11 2739	C CE MI 1K K5 63	R..5	10 11231	R CF 75E J OW25
C.59	11 2243	C NPO MI 120P J5 63	R..6	10 1100	R CF 1E J OW25
C.60	11 3732	C POMEFF 470K K5 63	R..7	10 11231	R CF 75E J OW25
C.61	11 22415	C NPO MI 82P J5 63	R..9	10 11231	R CF 75E J OW25
C.62	11 2739	C CE MI 1K K5 63	R.11	10 11231	R CF 75E J OW25
C.63	11 7001	C T 7 -35P 160	R.12	10 1152	R CF 22K J OW25
C.64	11 2739	C CE MI 1K K5 63	R.13	10 1156	R CF 47K J OW25
C.65	11 7001	C T 7 -35P 160	R.14	10 1156	R CF 47K J OW25
C.66	11 3730	C POMEFF 330K K5 63	R.15	10 1159	R CF 82K J OW25
C.67	11 3720	C POMEFF 47K K5 63	R.16	10 1149	R CF 12K J OW25
C.69	11 2739	C CE MI 1K K5 63	R.17	10 1160	R CF 100K J OW25
C.70	11 3728	C POMEFF 220K K5 63	R.18	10 1159	R CF 82K J OW25
C.71	11 2238	C NPO MI 47P G5 63	R.23	10 1124	R CF 100E J OW25
C.72	11 1510	C ELPRMI 22M M5 25	R.24	10 1142	R CF 3K3 J OW25
C.80	11 1510	C ELPRMI 22M M5 25	R.25	10 1153	R CF 27K J OW25
C.81	11 3730	C POMEFF 330K K5 63	R.27	10 1153	R CF 27K J OW25
C.82	11 3730	C POMEFF 330K K5 63	R.30	10 1139	R CF 1K8 J OW25
C.83	11 2242	C NPO MI 100P J5 63	R.31	10 1141	R CF 2K7 J OW25
C.84	11 2735	C CE MI 470P K5 63	R.32	10 0124	R CF V 100E J5 OW25
C.85	11 2735	C CE MI 470P K5 63	R.33	10 1164	R CF 220K J OW25
C.86	11 2368	C N750MI 330P J5 63	R.34	10 1172	R CF 1M J OW25
C.87	11 22395	C NPO MI 56P G5 63	R.42	10 1137	R CF 1K2 J OW25
C.88	11 22395	C NPO MI 56P G5 63	R.43	10 1131	R CF 390E J OW25
C.89	11 3730	C POMEFF 330K K5 63	R.44	10 0327	R MF V 180E J OW25
C.90	11 2242	C NPO MI 100P J5 63	R.49	10 1130	R CF 330E J OW25
C140	11 1571	C ELPR 2M2 M5 350	R.50	10 1148	R CF 10K J OW25
C141	11 4132	C POMEFF 100K K 250	R.51	10 1153	R CF 27K J OW25
C142	11 2774	C CE MI 100K U5 63	R.52	10 1151	R CF 18K J OW25
C143	11 2774	C CE MI 100K U5 63	R.53	10 1136	R CF 1K J OW25
C144	11 1478	C ELPR 220M Z5 25	R.54	10 1138	R CF 1K5 J OW25
C150	11 2831	C CE DI 3K3 S 400	R.55	10 1142	R CF 3K3 J OW25
C160	11 2831	C CE DI 3K3 S 400	R.56	10 1150	R CF 15K J OW25
C170	11 2831	C CE DI 3K3 S 400	R.60	10 1140	R CF 2K2 J OW25
D..7	13 1621	D 1N4148 SWITCH	R.62	10 1150	R CF 15K J OW25
D.50	13 1621	D 1N4148 SWITCH	R.63	10 1132	R CF 470E J OW25
D.51	13 1621	D 1N4148 SWITCH	R.64	10 1127	R CF 180E J OW25
D.52	13 1621	D 1N4148 SWITCH	R.65	10 1150	R CF 15K J OW25
D.53	13 1621	D 1N4148 SWITCH	R.66	10 1140	R CF 2K2 J OW25
D150	13 1628	D BAW62 SWITCH	R.70	10 1122	R CF 68E J OW25
D151	13 1621	D 1N4148 SWITCH	R.71	10 1150	R CF 15K J OW25
D160	13 1628	D BAW62 SWITCH			
D161	13 1621	D 1N4148 SWITCH			

P/S/N4/N3 DECODER

76 1954

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
R.72	10 1122	R CF 68E J OW25	R162	10 0234	R CF V 6K8 J5 OW5
R.73	10 1134	R CF 680E J OW25	R163	10 01369	R CFFV 1K J5 OW25
R.74	10 1140	R CF 2K2 J OW25	R164	10 1134	R CF 680E J OW25
R.75	10 1144	R CF 4K7 J OW25	R167	10 1136	R CF 1K J OW25
R.76	10 1144	R CF 4K7 J OW25	R169	10 3158	R MO 68K J OW7
R.77	10 1144	R CF 4K7 J OW25	R170	10 1124	R CF 100E J OW25
R.78	10 1134	R CF 680E J OW25	R171	10 0234	R CF V 6K8 J5 OW5
R.79	10 1124	R CF 100E J OW25	R172	10 0234	R CF V 6K8 J5 OW5
R.80	10 1128	R CF 220E J OW25	R173	10 01369	R CFFV 1K J5 OW25
R.81	10 1128	R CF 220E J OW25	R174	10 1134	R CF 680E J OW25
R.82	10 1137	R CF 1K2 J OW25	R177	10 1135	R CF 820E J OW25
R.83	10 1136	R CF 1K J OW25	R179	10 3158	R MO 68K J OW7
R.84	10 1136	R CF 1K J OW25	R180	10 11249	R CFF 100E J OW25
R.90	10 1148	R CF 10K J OW25	R182	10 1138	R CF 1K5 J OW25
R.91	10 1148	R CF 10K J OW25	R184	10 1133	R CF 560E J OW25
R.92	10 1148	R CF 10K J OW25	R185	10 1131	R CF 390E J OW25
R.93	10 1148	R CF 10K J OW25	R186	10 1133	R CF 560E J OW25
R.94	10 1144	R CF 4K7 J OW25		10 1138	R CF 1K5 J OW25
R.95	10 1148	R CF 10K J OW25	XT.1	30 6816	X-TAL 8,867 238 MHZ
R.97	10 1150	R CF 15K J OW25	XT.2	30 6849	X-TAL 7,159 090 MHZ 5MM
R.98	10 1142	R CF 3K3 J OW25			
R.99	10 1164	R CF 220K J OW25	001.	31 3251	J PIN MBT D 0,8
R150	10 1124	R CF 100E J OW25	002.	31 35780	J MT MBT P 4 7,5 LOCK
R151	10 0234	R CF V 6K8 J5 OW5	003.	31 35866	J MT MBT P 7 2,5 BLU
R152	10 0234	R CF V 6K8 J5 OW5	004.	30 2061	COIL CAN 10X10X12
R153	10 01369	R CFFV 1K J5 OW25	005.	31 3584	J MT MBT P 2 2,5 BLA
R154	10 1134	R CF 680E J OW25	006.	31 33921	J JUMP FMT P 2 2,5
R157	10 1137	R CF 1K2 J OW25	007.	80 1001	SCREEN MN 40 DEC QUAD
R159	10 3158	R MO 68K J OW7	008.	31 3580	J MT MBT P 5 2,5 BLA
R160	10 1124	R CF 100E J OW25	8100	34 8100	WIRE JUMPER 0,6 M AUTOM
R161	10 0234	R CF V 6K8 J5 OW5			

CURRENT AMPLIFIER BOARD

76 1481

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
	11 2242	C NPO MI 100P J5 63	R..3	10 1144	R CF 4K7 J OW25
PC..	71 6469	PCB TV 40 CURR AMP 761481	R..4	10 1139	R CF 1K8 J OW25
Q..1	13 1411	Q BC549C N 30 / 0A1	R..5	10 1142	R CF 3K3 J OW25
Q..2	13 14181	Q BC559B P 30 / 0A1			
R..1	10 1157	R CF 56K J OW25	Z..1	13 1751	D ZENER 9V1 OW5 C
R..2	10 1156	R CF 47K J OW25		76 1481D	UN CURRENT AMP MN 40
			001.	31 3366	J CIS MBS P 1 L 8,7REEL

P/S/N4/N3 DECODER

76 1971

SERVICE SHEET

76 1971

P/S/N4/N3 DECODER

76 1971

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C..1	11 2774	C CE MI 100K U5 63	DL..1	30 6511	DELAY LINE M P/S DL710/1
C..2	11 2774	C CE MI 100K U5 63	I..1	13 4002	U 7812 +12V/1A STAB
C..4	11 3724	C POMEFF 100K K5 63	I..2	13 2779	U 3505 TDA VID CTRL COMB
C..5	11 3724	C POMEFF 100K K5 63	I..3	13 2778	U 4555 TDA MULTI STD DEC
C..6	11 3724	C POMEFF 100K K5 63	I..4	13 2773	U 4565 TDA TRANS IMPR CIRC
C..7	11 2774	C CE MI 100K U5 63	L.40	77 4212	COIL N40 C5 D0,125 PALREC
C..9	11 2770	C CE MI 22K U5 63	L.41	77 4212	COIL N40 C5 D0,125 PALREC
C.10	11 2770	C CE MI 22K U5 63	L.42	30 6024	CHOKE RA NS 10 UH
C.11	11 2770	C CE MI 22K U5 63	L.43	77 4212	COIL N40 C5 D0,125 PALREC
C.12	11 1511	C ELPRMI 33M M5 16	L.44	77 4212	COIL N40 C5 D0,125 PALREC
C.13	11 1546	C ELPRMI 1M M5 50	L.50	77 4212	COIL N40 C5 D0,125 PALREC
C.14	11 11841	C ELAX 1M T 40	L.51	77 3310	COIL N27,5 B5 D0,14 IF32
C.15	11 1532	C ELPRMI 22M M5 35	L.52	77 4212	COIL N40 C5 D0,125 PALREC
C.17	11 3730	C POMEFF 330K K5 63	L.53	77 4211	COIL N56 B5 D0,125 PHASE
C.19	11 3724	C POMEFF 100K K5 63	L.54	77 4211	COIL N56 B5 D0,125 PHASE
C.21	11 37161	C POMEFF 22K K5 100	P..1	10 6109	R TCA H 47K M OW1
C.22	11 37161	C POMEFF 22K K5 100	P..2	10 6107	R TCA H 10K M OW1
C.23	11 1531	C ELPRMI 10M M5 35	P..3	10 6107	R TCA H 10K M OW1
C.24	11 3730	C POMEFF 330K K5 63	P..4	10 6107	R TCA H 10K M OW1
C.25	11 3730	C POMEFF 330K K5 63	P.40	10 6102	R TCA H220E M OW1
C.34	11 37161	C POMEFF 22K K5 100	P.41	10 6105	R TCA H 2K2 M OW1
C.35	11 2365	C N750MI 180P J5 63	P.42	10 6105	R TCA H 2K2 M OW1
C.36	11 2739	C CE MI 1K K5 63	PC..	71 6226	PCB TV 40 DEC Q RGB ABL 761368
C.37	11 37161	C POMEFF 22K K5 100	Q..1	13 25146	Q BF869 N 250 / 30
C.38	11 37161	C POMEFF 22K K5 100	Q..2	13 25146	Q BF869 N 250 / 30
C.39	11 2774	C CE MI 100K U5 63	Q..3	13 25146	Q BF869 N 250 / 30
C.40	11 2763	C CE MI 10K U5 63	Q..4	13 25146	Q BF869 N 250 / 30
C.41	11 2243	C NPO MI 120P J5 63	Q..5	13 25146	Q BF869 N 250 / 30
C.42	11 2234	C NPO MI 22P G5 63	Q..6	13 25146	Q BF869 N 250 / 30
C.43	11 2240	C NPO MI 68P J5 63	Q..7	13 1491	Q BSX20,2369 N 15 / 0A2
C.44	11 2234	C NPO MI 22P G5 63	Q.11	13 1429	Q BC548B N 30 / 0A1
C.45	11 2243	C NPO MI 120P J5 63	Q.12	13 1429	Q BC548B N 30 / 0A1
C.46	11 2240	C NPO MI 68P J5 63	Q.13	13 1429	Q BC548B N 30 / 0A1
C.47	11 2366	C N750MI 220P J5 63	Q.14	13 1429	Q BC548B N 30 / 0A1
C.48	11 2366	C N750MI 220P J5 63	Q.15	13 1429	Q BC548B N 30 / 0A1
C.50	11 11565	C ELAX 10M Z 25	Q.16	13 1429	Q BC548B N 30 / 0A1
C.51	11 2364	C N750MI 150P J5 63	Q.17	13 1429	Q BC548B N 30 / 0A1
C.52	11 2739	C CE MI 1K K5 63	Q.18	13 1429	Q BC548B N 30 / 0A1
C.53	11 2366	C N750MI 220P J5 63	Q.21	13 2507	Q BF324 P 30 / 25
C.54	11 3730	C POMEFF 330K K5 63	Q.22	13 2507	Q BF324 P 30 / 25
C.55	11 59061	C PP RA 390P J5 100	Q.23	13 2507	Q BF324 P 30 / 25
C.56	11 2739	C CE MI 1K K5 63	Q.24	13 14311	Q BC327 P 45 / 0A5
C.57	11 2366	C N750MI 220P J5 63	R..5	10 11231	R CF H 75E J OW25
C.58	11 2739	C CE MI 1K K5 63	R..6	10 1100	R CF H 1E J OW25
C.59	11 2243	C NPO MI 120P J5 63	R..7	10 11231	R CF H 75E J OW25
C.60	11 3732	C POMEFF 470K K5 63	R..9	10 11231	R CF H 75E J OW25
C.61	11 22415	C NPO MI 82P J5 63	R.11	10 11231	R CF H 75E J OW25
C.62	11 2739	C CE MI 1K K5 63	R.12	10 1152	R CF H 22K J OW25
C.63	11 7001	C T 7 -35P 160	R.13	10 1156	R CF H 47K J OW25
C.64	11 2739	C CE MI 1K K5 63	R.14	10 1156	R CF H 47K J OW25
C.65	11 7001	C T 7 -35P 160	R.15	10 1159	R CF H 82K J OW25
C.66	11 3730	C POMEFF 330K K5 63	R.16	10 1149	R CF H 12K J OW25
C.67	11 3720	C POMEFF 47K K5 63	R.17	10 1160	R CF H100K J OW25
C.69	11 2739	C CE MI 1K K5 63	R.18	10 1159	R CF H 82K J OW25
C.70	11 3728	C POMEFF 220K K5 63	R.23	10 1124	R CF H100E J OW25
C.71	11 2238	C NPO MI 47P G5 63	R.24	10 1142	R CF H 3K3 J OW25
C.72	11 1510	C ELPRMI 22M M5 25	R.25	10 1153	R CF H 27K J OW25
C.80	11 1510	C ELPRMI 22M M5 25	R.25	10 1154	R CF H 33K J OW25
C.81	11 3730	C POMEFF 330K K5 63	R.26	10 1145	R CF H 5K6 J OW25
C.82	11 3730	C POMEFF 330K K5 63	R.27	10 1153	R CF H 27K J OW25
C.83	11 2242	C NPO MI 100P J5 63	R.30	10 1139	R CF H 1K8 J OW25
C.84	11 2735	C CE MI 470P K5 63	R.31	10 1141	R CF H 2K7 J OW25
C.85	11 2735	C CE MI 470P K5 63	R.32	10 0124	R CF V100E J OW25
C.86	11 2368	C N750MI 330P J5 63	R.33	10 0364	R MF V220K J OW25
C.87	11 22395	C NPO MI 56P G5 63	R.34	10 1172	R CF H 1M J OW25
C.88	11 22395	C NPO MI 56P G5 63	R.42	10 1137	R CF H 1K2 J OW25
C.89	11 3730	C POMEFF 330K K5 63	R.43	10 1131	R CF H390E J OW25
C.90	11 2242	C NPO MI 100P J5 63	R.44	10 0327	R MF V180E J OW25
C140	11 1571	C ELPR 2M2 M5 350	R.49	10 1130	R CF H330E J OW25
C141	11 4132	C POMEFF 100K K 250	R.50	10 1148	R CF H 10K J OW25
C142	11 2774	C CE MI 100K U5 63	R.51	10 1153	R CF H 27K J OW25
C143	11 2774	C CE MI 100K U5 63	R.52	10 1151	R CF H 18K J OW25
C144	11 1478	C ELPR 220M Z5 25	R.53	10 1136	R CF H 1K J OW25
C150	11 2831	C CE DI 3K3 S 400	R.54	10 1138	R CF H 1K5 J OW25
C160	11 2831	C CE DI 3K3 S 400	R.55	10 1142	R CF H 3K3 J OW25
C170	11 2831	C CE DI 3K3 S 400	R.56	10 1150	R CF H 15K J OW25
D..7	13 1621	D 1N4148 SWITCH	R.60	10 1140	R CF H 2K2 J OW25
D.50	13 1621	D 1N4148 SWITCH	R.62	10 1150	R CF H 15K J OW25
D.51	13 1621	D 1N4148 SWITCH	R.63	10 1132	R CF H470E J OW25
D.52	13 1621	D 1N4148 SWITCH	R.64	10 1127	R CF H180E J OW25
D.53	13 1621	D 1N4148 SWITCH	R.65	10 1150	R CF H 15K J OW25
D150	13 1628	D BAW62 SWITCH	R.66	10 1140	R CF H 2K2 J OW25
D151	13 1621	D 1N4148 SWITCH			
D160	13 1628	D BAW62 SWITCH			
D161	13 1621	D 1N4148 SWITCH			
D170	13 1628	D BAW62 SWITCH			
D171	13 1621	D 1N4148 SWITCH			

P/S/N4/N3 DECODER

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SIT.	ITEM NUMBER	DESCRIPTION
R.70	10 1122	R CF H 68E J 0W25
R.71	10 1150	R CF H 15K J 0W25
R.72	10 1122	R CF H 68E J 0W25
R.73	10 1134	R CF H680E J 0W25
R.74	10 1140	R CF H 2K2 J 0W25
R.75	10 1144	R CF H 4K7 J 0W25
R.76	10 1144	R CF H 4K7 J 0W25
R.77	10 1144	R CF H 4K7 J 0W25
R.78	10 1134	R CF H680E J 0W25
R.79	10 1124	R CF H100E J 0W25
R.80	10 1128	R CF H220E J 0W25
R.81	10 1128	R CF H220E J 0W25
R.82	10 1137	R CF H 1K2 J 0W25
R.83	10 1136	R CF H 1K J 0W25
R.84	10 1136	R CF H 1K J 0W25
R.90	10 1148	R CF H 10K J 0W25
R.91	10 1148	R CF H 10K J 0W25
R.92	10 1148	R CF H 10K J 0W25
R.93	10 1148	R CF H 10K J 0W25
R.94	10 1144	R CF H 4K7 J 0W25
R.95	10 1148	R CF H 10K J 0W25
R.97	10 1150	R CF H 15K J 0W25
R.98	10 1142	R CF H 3K3 J 0W25
R.99	10 1164	R CF H220K J 0W25
R150	10 1124	R CF H100E J 0W25
R151	10 0234	R CF V 6K8 J 0W5
R152	10 0234	R CF V 6K8 J 0W5
R153	10 01369	R CFFV 1K J 0W25
R154	10 1134	R CF H680E J 0W25
R157	10 1137	R CF H 1K2 J 0W25
R159	10 3158	R MO H 68K J 0W7
R160	10 1124	R CF H100E J 0W25
R161	10 0234	R CF V 6K8 J 0W5
R162	10 0234	R CF V 6K8 J 0W5
R163	10 01369	R CFFV 1K J 0W25
R164	10 1134	R CF H680E J 0W25
R167	10 1136	R CF H 1K J 0W25
R169	10 3158	R MO H 68K J 0W7
R170	10 1124	R CF H100E J 0W25
R171	10 0234	R CF V 6K8 J 0W5
R172	10 0234	R CF V 6K8 J 0W5
R173	10 01369	R CFFV 1K J 0W25
R174	10 1134	R CF H680E J 0W25
R177	10 1135	R CF H820E J 0W25
R179	10 3158	R MO H 68K J 0W7
R180	10 11249	R CFFH100E J 0W25
R182	10 0324	R MF V100E J 0W25
R182	10 1138	R CF H 1K5 J 0W25
R184	10 1133	R CF H560E J 0W25
R185	10 1131	R CF H390E J 0W25
R186	10 1133	R CF H560E J 0W25
	10 1138	R CF H 1K5 J 0W25
XT.1	30 6816	X-TAL 8,867 238 MHZ
XT.2	30 6849	X-TAL 7,159 090 MHZ
001.	31 3251	J PIN MBT D 0,8
002.	31 35780	J MT MBT P 4 R7,5 LOC
003.	31 35866	J MT MBT P 7 R2,5 BLU
004.	30 2061	COIL CAN 10X10X12
005.	31 3584	J MT MBT P 2 R2,5 BLA
006.	31 33921	J JUMP FMT P 2 0.1
007.	80 1001	SCREEN MN 40 DEC QUAD
8100	34 8100	WIRE JUMPER 0,6 M AUTOM

FRAME SUPPLY BOARDS

Frame Supply boards

- * Printed circuit board
- * Adjustment procedure

76 1682 : Frame Supply board

- * Schematic diagram
- * Parts listing

76 1688 : Frame Supply board

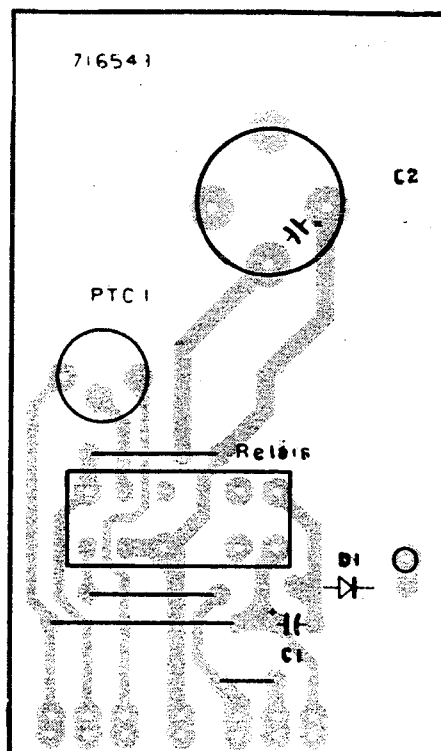
- * Schematic diagram
- * Parts listing

76 1941 : Frame Supply board

- * Schematic diagram
- * Parts listing

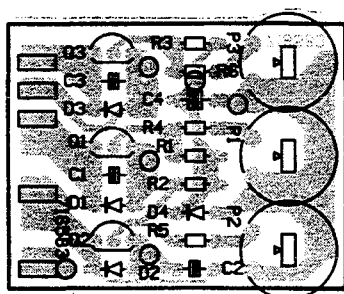
76 1955 : Frame Supply board

- * Schematic diagram
- * Parts listing



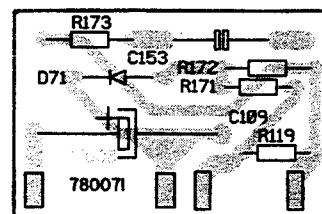
Unit no. 76 1573 is a subunit
of frame no. 76 1682 (220 V).
Unit no. 76 15739 is a subunit
of frame no. 76 1941 (110 V).

Name		Article no.
POWER DELAY 220V / 110V		76 1573/ 76 15739
Date	Drawn	Checked
10/10/1991	RIP	RIP
Video & Communications		



Unit no. 76 1680 is a subunit
of frame nos. 76 1682,
76 1688, 76 1941 and
76 1955.

Name		Article no.
CURRENT SENSE ABL UNIT		76 1680
Date	Drawn	Checked
10/10/1991	RIP	RIP
Video & Communications		



Unit no. 76 1681 is a subunit
of frame nos. 76 1682,
76 1688, 76 1941 and
76 1955.

Name		Article no.
GEOMETRY UNIT		76 1681
Date	Drawn	Checked
10/10/1991	RIP	RIP
Video & Communications		

FRAME SUPPLY BOARDS

Preliminary: Connect a test pattern generator to the monitor

A. Adjustment procedure for frame no. 76 1682

1. Power supply (P1)

- Connect a voltmeter to the cathode of diode D2.
- Adjust potentiometer P1 to obtain a DC voltage of 158V.

2. + HT (P2)

- Connect a voltmeter to the anode of capacitor C2.
- Adjust potentiometer P2 to obtain a DC voltage of 152V.

3. Horizontal synchronization (Hor. frequency) (P51)

- Short-circuit pin 12 of the TDA 2595 to earth.
- Adjust P51 for minimal horizontal beat.
- Remove the short-circuit.

4. Vertical synchronization (Vert. frequency) (P100)

Adjust the potentiometer P100 in order to obtain a quick synchronization when feeding an input signal.

5. Grid 2 voltage (D51)

- Do not feed any signal to the monitor
- Put the brightness control in the middle of its range
- Put the contrast control in minimum position
- Measure the cathode voltage for red, green and blue on the CRT socket.
- Connect a voltmeter to the cathode carrying the highest voltage and adjust the potentiometer "G2 Level" to obtain a DC voltage of 145 V.

6. Geometry (P105 / P102)

The following adjustment procedure is only for monitors used in videowalls!

- Feed a 50 Hz (vertical frequency) video test signal to the monitor
- Adjust P105 (horizontal amplitude) to obtain an active line time of 46 μ s. The active line should start 13 μ s after the falling edge of the preceding horizontal sync pulse
- Adjust P102 (vertical amplitude) to obtain 251 active lines on the screen. The first active line should be line 42.

In that way, you have adjusted the monitor as if the visible screen surface were as big as the complete front of the monitor, resulting in an undistorted picture on a videowall.

Other adjustments: on sight

L50: horizontal linearity
P106: vertical linearity
P101: vertical shift
P50: horizontal phase
P104: trapezium distortion
P103: horizontal Pin cushion distortion
D51: focus adjustment

B. Adjustment procedure for frame no. 76 1941

Proceed as in §A, but use a 60 Hz. video test signal (vertical frequency), where required.

C. Adjustment procedure for frame nos. 76 1955 and 76 1688

Proceed as in §A, except for the geometry adjustment.

FRAME SUPPLY BOARD

76 1682

FRAME SUPPLY BOARD

76 1682

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
	76 1573	UN RETARDED MN 40 SCM 220V V2	D.12	13 19025	D BY255,BYM561300V/3A R
	76 1680	UN I SENSE MN 40 ABL BLACKLINE	D.13	13 19025	D BY255,BYM561300V/3A R
	76 1681	UN SUB GEOMETRIE 40 BLACKLINE	D.14	13 1644	D 1N4001 50V/1A
C..1	11 4103	C POMEFF 330K K 100	D.40	13 1621	D 1N4148 SWITCH
C..2	11 1418	C ELSN 22M T 350	D.41	13 1637	D BA158 SWITCH
C..3	11 4103	C POMEFF 330K K 100	D.42	13 1621	D 1N4148 SWITCH
C..4	11 1479	C ELPR 470M Z5 25	D.50	13 1637	D BA158 SWITCH
C..5	11 1479	C ELPR 470M Z5 25	D.51	13 2070	D BG2097-643-415 CASCADE
C..6	11 14169	C ELPRUL 10M M 350	D.52	13 1942	D BY448 1500V/4A R
C..7	11 2833	C CE DI 4K7 S 400	D.53	13 1921	D BY299,SK4G8 800V/2A R
C..8	11 1418	C ELSN 22M T 350	D.54	13 1921	D BY299,SK4G8 800V/2A R
C..9	11 13711	C ELSN 1000M T 40	D.55	13 1921	D BY299,SK4G8 800V/2A R
C.10	11 1479	C ELPR 470M Z5 25	D.56	13 1637	D BA158 SWITCH
C.11	11 2825	C CE DI 1K S 400	D.70	13 1637	D BA158 SWITCH
C.13	11 50051	C PPMEPO 2K2 J 1500	D100	13 1644	D 1N4001 50V/1A
C.14	11 1487	C ELPR 100M Z5 40	D101	13 1621	D 1N4148 SWITCH
C.15	11 1487	C ELPR 100M Z5 40	D102	13 1621	D 1N4148 SWITCH
C.16	11 4427	C PO FF 22K M 250	F..1	31 4116	FUSE 2A 5X20 SLOW
C.17	11 15465	C ELPRMI 1M M5 50	F..2	31 4116	FUSE 2A 5X20 SLOW
C.18	11 39622	C PETPFP 10K J 400	F..3	31 4102	FUSE 1A250 5X20 FAST
C.19	11 2234	C NPO MI 22P G5 63	I..1	13 4010	U 7815 +15V/1A STAB
C.20	11 4716	C POSAPO 1M M AC250	I..2	13 27871	U 4601 TDA SMP CTRL
C.21	11 4720	C CESA Y 1K M 400	I..50	13 2762	U 2595 TDA HOR COMB
C.22	11 4720	C CESA Y 1K M 400	I100	13 2790	U 2653A TDA VER DEFL AMP
C.23	11 2837	C CE DI 10K S 400	L..1	77 3028	COIL CHOKE SMP TV 31
C.24	11 2837	C CE DI 10K S 400	L..2	77 3028	COIL CHOKE SMP TV 31
C.25	11 1654	C ELRA 220M T 385	L..3	30 2108	CORE TUBE 1,3/ 3,5 X 3
C.26	11 4720	C CESA Y 1K M 400	L..4	30 6433	COIL CHOKE MAINS 27MH
C.27	11 4166	C POMEFF 220K K 400	L..5	71 2604	CORE FERROX D2/5L10
C.28	11 47105	C POSAPO 100K M AC250	L.50	77 4224	COIL LIN 4042/08A SILIC
C.29	11 4132	C POMEFF 100K K 250	L100	77 3363	COIL BRIDGE TV 34GS
C.30	11 1151	C ELAX 2200M T 16	P..1	10 6107	R T CAMH 10K M OW1
C.31	11 1466	C ELPR 100M Z5 16	P..2	10 6107	R T CAMH 10K M OW1
C.32	11 2774	C CE MI 100K U5 63	P.50	10 6109	R T CAMH 47K M OW1
C.40	11 1531	C ELPRMI 10M M5 35	P.51	10 6109	R T CAMH 47K M OW1
C.41	11 4162	C POMEFF 100K K 400	P100	10 6109	R T CAMH 47K M OW1
C.42	11 41051	C POMEFF 560K K 100	P101	10 6104	R T CAMH 1K M OW1
C.50	11 1468	C ELPR 470M Z5 16	P102	10 6101	R T CAMH 100E M OW1
C.51	11 1184	C ELAX 4M7 Z 40	P103	10 6105	R T CAMH 2K2 M OW1
C.52	11 41051	C POMEFF 560K K 100	P104	10 6105	R T CAMH 2K2 M OW1
C.53	11 4120	C POMEFF 10K K 250	P105	10 6109	R T CAMH 47K M OW1
C.54	11 2920	C COG MU 4K7 J5 63	P106	10 6111	R T CAMH 100K M OW1
C.55	11 4120	C POMEFF 10K K 250	PC..	71 6345	PCB TV 40 FRAME SUP 2 761372
C.56	11 4102	C POMEFF 220K K 100	Q..1	13 2946	Q BU2508 N1500*/ 8A
C.57	11 4124	C POMEFF 22K K 250	Q..1	13 25095	Q BU508A N1500*/ 8A
C.58	11 4134	C POMEFF 150K K 250	Q..2	13 2517	Q BUX84 N 250 / 50
C.59	11 2833	C CE DI 4K7 S 400	Q..3	13 2552	Q BF423 P 250 / 50
C.60	11 4140	C POMEFF 470K K 250	Q..4	13 2516	Q BF422 N 250 / 25
C.61	11 1190	C ELAX 100M T 40	Q.40	13 1413	Q BC557 P 45 / 0A1
C.62	11 4442	C PO FF 470K K 250	Q.50	13 14295	Q BC549B N 30 / 0A1
C.63	11 4590	C PP PO 330K K 250	Q.51	13 1471	Q BF458 N 250 / 0A1
C.64	11 1780	C PPMEPO 9K1 J 1500	Q.52	13 2949	Q BU508AF N1500 / 8A
C.65	11 17913	C PPMEPO 27K J 1000	Q100	13 1418	Q BC559 P 30 / 0A1
C.66	11 4100	C POMEFF 100K K 100	Q101	13 14072	Q BC547A N 45 / 0A1
C.67	11 4636	C HV AX 50K M 1600	Q102	13 2570	Q BDX77,709 N 80 / 8A
C.70	11 1115	C ELAX 10M Z 6	R..1	10 4407	R WW V 3E3 K 11W
C.72	11 4102	C POMEFF 220K K 100	R..2	10 11947	R CFF E47 K OW4
C100	11 3732	C POMEFF 470K K5 63	R..3	10 11947	R CFF E47 K OW4
C101	11 1193	C ELAX 1000M T 40	R..4	10 1358	R CF 68K J 1W
C102	11 3728	C POMEFF 220K K5 63	R..5	10 1244	R CF 4K7 J OW5
C103	11 3732	C POMEFF 470K K5 63	R..6	10 1359	R CF 82K J 1W
C104	11 4100	C POMEFF 100K K 100	R..7	10 11907	R CFF E10 J OW4
C105	11 3724	C POMEFF 100K K5 63	R..8	10 1217	R CF 27E J OW5
C106	11 1487	C ELPR 100M Z5 40	R..9	10 3254	R MO 33K J 1W5
C107	11 1531	C ELPRMI 10M M5 35	R.10	10 1100	R CF 1E J OW25
C108	11 1549	C ELPRMI 3M3 M5 50	R.11	10 1100	R CF 1E J OW25
C110	11 11841	C ELAX 1M T 40	R.12	10 1160	R CF 100K J OW25
C111	11 1147	C ELAX 100M T 16	R.13	10 4268	R WW V 33E K 7W
C112	11 4124	C POMEFF 22K K 250	R.14	10 1152	R CF 22K J OW25
C113	11 4110	C POMEFF 4M7 K 100	R.15	10 1148	R CF 10K J OW25
C114	11 1164	C ELAX 1000M T 25	R.16	10 1265	R CF 270K J OW5
C115	11 3724	C POMEFF 100K K5 63	R.17	10 1139	R CF 1K8 J OW25
C150	11 4602	C POHVPO 47K M 1000	R.18	10 41768	R WWFV 100E K 3W
C151	11 4162	C POMEFF 100K K 400	R.19	10 1267	R CF 390K J OW5
C170	11 4188	C POMEFF 220K K 630	R.20	10 4670	R HV 4M7 J OW5
C171	11 1716	C CE 680P 1000	R.21	10 4670	R HV 4M7 J OW5
D..1	13 1637	D BA158 SWITCH	R.22	10 1155	R CF 39K J OW25
D..2	13 1921	D BY299,SK4G8 800V/2A R	R.23	10 1157	R CF 56K J OW25
D..3	13 1955	D BYW95C R	R.24	10 1143	R CF 3K9 J OW25
D..4	13 1955	D BYW95C R	R.25	10 1253	R CF 27K J OW5
D..5	13 1956	D BYV28-200 200V/3A5 AR	R.26	10 13997	R CFF E10 K 1W
D..6	13 1646	D 1N4007 1300V/1A	R.27	10 11907	R CFF E10 J OW4
D..7	13 1637	D BA158 SWITCH			
D..8	13 1637	D BA158 SWITCH			
D..9	13 1646	D 1N4007 1300V/1A			
D.10	13 19025	D BY255,BYM561300V/3A R			
D.11	13 19025	D BY255,BYM561300V/3A R			

FRAME SUPPLY BOARD

76 1682

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
R.28	10 1130	R CF 330E J OW25	R118	10 1156	R CF 47K J OW25
R.41	10 11369	R CFF 1K J OW25	R120	10 1156	R CF 47K J OW25
R.42	10 1134	R CF 680E J OW25	R121	10 1159	R CF 82K J OW25
R.43	10 1148	R CF 10K J OW25	R122	10 1136	R CF 1K J OW25
R.44	10 1138	R CF 1K5 J OW25	R123	10 1165	R CF 270K J OW25
R.47	10 1162	R CF 150K J OW25	R125	10 1140	R CF 2K2 J OW25
R.48	10 1145	R CF 5K6 J OW25	R126	10 4169	R WW V 1K5 K 4W
R.50	10 1121	R CF 56E J OW25	R127	10 1100	R CF 1E J OW25
R.51	10 1134	R CF 680E J OW25	R127	10 1103	R CF 1E8 J OW25
R.52	10 1144	R CF 4K7 J OW25	R150	10 4656	R HV 1M2 J OW5
R.53	10 1135	R CF 820E J OW25	R151	10 41778	R WWFV 2E2 K 3W
R.54	10 1160	R CF 100K J OW25	R154	10 12484	R CF 10K J OW5
R.55	10 1161	R CF 120K J OW25	R155	10 2038	R CC 1K5 K OW5
R.56	10 1149	R CF 12K J OW25	R156	10 12364	R CF 1K J OW5
R.57	10 1161	R CF 120K J OW25	R157	10 12364	R CF 1K J OW5
R.58	10 1136	R CF 1K J OW25	R158	10 1262	R CF 150K J OW5
R.59	10 4656	R HV 1M2 J OW5	R159	10 12364	R CF 1K J OW5
R.60	10 1136	R CF 1K J OW25	R165	10 1145	R CF 5K6 J OW25
R.61	10 1132	R CF 470E J OW25	R180	10 1124	R CF 100E J OW25
R.62	10 4170	R WW V 1K K 4W			
R.63	10 4245	R WW V 2K7 K 7W	T.11	77 41106	TRANSF TV 40 SMP 67 CEBEC
R.64	10 4172	R WW V 1E8 K 4W	T.50	77 3360	TRANSF TV 34 HOR DRIVER
R.65	10 1120	R CF 47E J OW25	T.51	77 4314	TRANSF MN 40 EHT PCM21
R.66	10 14675	R MF 390K J 1W5			
R.67	10 14675	R MF 390K J 1W5	Z.11	13 2102	U 33B 2TK 33V STAB
R.68	10 1131	R CF 390E J OW25	Z.12	13 2102	U 33B 2TK 33V STAB
R.69	10 41698	R WWFV 1K5 K 3W	Z.10	13 1771	D ZENER 150V OW5 C
R.70	10 1124	R CF 100E J OW25	Z.11	13 1771	D ZENER 150V OW5 C
R.72	10 1164	R CF 220K J OW25	Z.40	13 1730	D ZENER 20V OW5 C
R.73	10 1164	R CF 220K J OW25			
R.74	10 1136	R CF 1K J OW25	76 1208D		UN FRAME TV 40 SUP CTV27
R.75	10 1124	R CF 100E J OW25			
R.91	10 1168	R CF 470K J OW25	001.	31 3577	J MT MBT P 2 10 BLA
R.92	10 1135	R CF 820E J OW25	001.	31 35770	J MT MBT P 2 10 LOCK
R.94	10 1136	R CF 1K J OW25	002.	31 5310	J TAB MBT 0,5 2,8 PLANE
R.95	10 1108	R CF 4E7 J OW25	003.	31 3454	J TAB MBT 0,5 4,8
R.96	10 1142	R CF 3K3 J OW25	004.	31 35780	J MT MBT P 4 7,5 LOCK
R.97	10 1133	R CF 560E J OW25	005.	31 32651	R WW V HOLDER H20
R.98	10 1136	R CF 1K J OW25	006.	31 3224	R WW V HOLDER H25
R068	10 1118	R CF 33E J OW25	007.	31 4501	FUSE HOLDER 5X20 CLIPS-HOLDER
R100	10 1144	R CF 4K7 J OW25	008.	31 1039	J CRT FBT CVT3240 SOCK
R101	10 1168	R CF 470K J OW25	009.	31 3249	J IC FBT P18 7,5
R102	10 1206	R CF 3E3 J OW5	010.	31 3599	J EDGE FBT P20 5
R103	10 1159	R CF 82K J OW25	012.	36 2122	SCREW DIN7985 M 3 X 8 MP+
R104	10 1149	R CF 12K J OW25	013.	36 6102	NUT DIN934 M 3 HEXAGON
R105	10 1163	R CF 180K J OW25	015.	80 0170	FRAME TV 40 LATH L
R106	10 1156	R CF 47K J OW25	016.	80 0171	FRAME TV 40 LATH R
R107	10 1156	R CF 47K J OW25	017.	72 1664	FIX TV 40 FRAME STRIP
R108	10 1142	R CF 3K3 J OW25	018.	80 0169	HEATSINK TV 40 FRAME DOWN
R109	10 1161	R CF 120K J OW25	019.	36 7454	RIVET P AL FE TAP/D/BS44 D3,2
R110	10 1151	R CF 18K J OW25	020.	80 0182	HEATSINK TV 40 SMP
R111	10 1136	R CF 1K J OW25	021.	80 01881	ISOL MN 40 SHEET 15X24
R112	10 1151	R CF 18K J OW25	023.	13 3058	Q FIX CLIPS TO-220
R113	10 1131	R CF 390E J OW25	024.	13 3032	Q FIX CLIPS TO-126
R114	10 1136	R CF 1K J OW25	0241	13 3039	SPACER L 8 D 4 D1,2 CER
R115	10 1126	R CF 150E J OW25	025.	13 3062	Q FIX CLIPS SOT-93
R116	10 1100	R CF 1E J OW25	027.	59 0217	LABEL EHT ARROW
R117	10 1140	R CF 2K2 J OW25	8100	34 8100	WIRE JUMPER 0,6 M AUTOM

DELAY UNIT

76 1573

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C..1	11 14855	C ELPR 22M Z5 40		76 1573D	3N RETARDED MN 40 SCM 220V V2
D..1	13 1637	D BA158 SWITCH	001.	31 3366	J CIS MBS P 1 L 8,7REEL
PTC1	10 52096	R PTC 220V PHILIPS 662	001.	32 43231	RELAY 880E 24V 2U CSA
PC..	71 6543	PCB MN 40 SCM RETARD ON 761573	002.	80 0743	SPACER RIV L29 D 7 M3 AL
	10 11129	R CFF 10E J OW25	8100	34 8100	WIRE JUMPER 0,6 M AUTOM

UNIT I SENSE ABL

76 1680

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C..1	11 2741	C CE MI 1K5 K5 63	Q..1	13 2552	Q BF423 P 250 / 50
C..2	11 2741	C CE MI 1K5 K5 63	Q..2	13 2552	Q BF423 P 250 / 50
C..3	11 2741	C CE MI 1K5 K5 63	Q..3	13 2552	Q BF423 P 250 / 50
C..4	11 2240	C NPO MI 68P J5 63			
D..1	13 1621	D 1N4148 SWITCH	R..1	10 0171	R CF V 820K J5 0W25
D..1	13 16217	D 1N4148 SWITCH	R..2	10 0171	R CF V 820K J5 0W25
D..2	13 16217	D 1N4148 SWITCH	R..3	10 0171	R CF V 820K J5 0W25
D..3	13 16217	D 1N4148 SWITCH	R..4	10 0172	R CF V 1M K5 0W25
D..4	13 16217	D 1N4148 SWITCH	R..5	10 0172	R CF V 1M K5 0W25
			R..6	10 0172	R CF V 1M K5 0W25
P..1	10 6116	R T CAMH 4M7 M 0W1		76 1293D	UN I SENSE TV 40 ABL
P..2	10 6116	R T CAMH 4M7 M 0W1			
P..3	10 6116	R T CAMH 4M7 M 0W1	001.	31 3284	J CIS MBS P 1 L 6,2REEL
PC..	71 6583	PCB MN 40 I SEN ABLSCM 7612933			

UNIT SUB GEOMETRY

76 1681

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C109	11 1162	C ELAX 220M T 25	R171	10 1140	R CF 2K2 J 0W25
C153	11 4106	C POMEFF 1M K 100	R172	10 1147	R CF 8K2 J 0W25
			R173	10 1118	R CF 33E J 0W25
D..71	13 1621	D 1N4148 SWITCH		76 1681D	UN SUB GEOMETRIE 40 BLACKLINE
PC..	78 0071	PCB MN 40 GEOMETRIE BLACKLINE			
R119	10 1133	R CF 560E J 0W25	31 3284	J CIS MBS P 1 L 6,2REEL	
			31 3366	J CIS MBS P 1 L 8,7REEL	

FRAME SUPPLY BOARD

76 1688

FRAME SUPPLY BOARD

76 1688

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
	76 1680	UN I SENSE MN 40 ABL BLACKLINE	D.13	13 19025	D BY255,BYM561300V/3A R
	76 1681	UN SUB GEOMETRIE 40 BLACKLINE	D.14	13 1644	D 1N4001 50V/1A
C..1	11 4103	C POMEFF 330K K 100	D.40	13 1621	D 1N4148 SWITCH
C..2	11 1418	C ELSN 22M T 350	D.41	13 1637	D BA158 SWITCH
C..3	11 4103	C POMEFF 330K K 100	D.42	13 1621	D 1N4148 SWITCH
C..4	11 1479	C ELPR 470M Z5 25	D.50	13 1637	D BA158 SWITCH
C..5	11 1479	C ELPR 470M Z5 25	D.51	13 2070	D BG2097-643-415 CASCADE
C..6	11 14169	C ELPRUL 10M M 350	D.52	13 1942	D BY448 1500V/4A R
C..7	11 2833	C CE DI 4K7 S 400	D.53	13 1921	D BY299,SK4G8 800V/2A R
C..8	11 1418	C ELSN 22M T 350	D.54	13 1921	D BY299,SK4G8 800V/2A R
C..9	11 13711	C ELSN 1000M T 40	D.55	13 1921	D BY299,SK4G8 800V/2A R
C.10	11 1479	C ELPR 470M Z5 25	D.56	13 1637	D BA158 SWITCH
C.11	11 2825	C CE DI 1K S 400	D.70	13 1637	D BA158 SWITCH
C.13	11 50051	C PPMEPO 2K2 J 1500	D.71	13 1621	D 1N4148 SWITCH
C.14	11 1487	C ELPR 100M Z5 40	D100	13 1644	D 1N4001 50V/1A
C.15	11 1487	C ELPR 100M Z5 40	D101	13 1621	D 1N4148 SWITCH
C.16	11 4427	C PO FF 22K M 250	D102	13 1621	D 1N4148 SWITCH
C.17	11 15465	C ELPRMI 1M M5 50	F..1	31 4116	FUSE 2A 5X20 SLOW
C.18	11 39622	C PETPFP 10K J 400	F..2	31 4116	FUSE 2A 5X20 SLOW
C.19	11 2234	C NPO MI 22P G5 63	F..3	31 4102	FUSE 1A250 5X20 FAST
C.20	11 4714	C POSAPO 470K M 250	I..1	13 4010	U 7815 +15V/1A STAB
C.21	11 4720	C CESA Y 1K M 400	I..2	13 27871	U 4601 TDA SMP CTRL
C.22	11 4720	C CESA Y 1K M 400	I.50	13 2762	U 2595 TDA HOR COMB
C.23	11 2837	C CE DI 10K S 400	I100	13 2790	U 2653A TDA VER DEFL AMP
C.24	11 2837	C CE DI 10K S 400	L..1	77 3028	COIL CHOKE SMP TV 31
C.25	11 1654	C ELRA 220M T 385	L..2	77 3028	COIL CHOKE SMP TV 31
C.26	11 4720	C CESA Y 1K M 400	L..3	30 2108	CORE TUBE 1,3/ 3,5 X 3
C.27	11 4166	C POMEFF 220K K 400	L..4	30 6433	COIL CHOKE MAINS 27MH
C.28	11 47105	C POSAPO 100K M AC250	L..5	71 2604	CORE FERROX D2/5L10
C.29	11 4132	C POMEFF 100K K 250	L.50	77 4224	COIL LIN 4042/08A SILIC
C.30	11 1151	C ELAX 2200M T 16	L100	77 3363	COIL BRIDGE TV 34GS
C.31	11 1466	C ELPR 100M Z5 16	P..1	10 6107	R T CAMH 10K M OW1
C.32	11 2774	C CE MI 100K U5 63	P..2	10 6107	R T CAMH 10K M OW1
C.40	11 1531	C ELPRMI 10M M5 35	P.50	10 6109	R T CAMH 47K M OW1
C.41	11 4162	C POMEFF 100K K 400	P.51	10 6109	R T CAMH 47K M OW1
C.42	11 41051	C POMEFF 560K K 100	P100	10 6109	R T CAMH 47K M OW1
C.50	11 1468	C ELPR 470M Z5 16	P101	10 6104	R T CAMH 1K M OW1
C.51	11 1184	C ELAX 4M7 Z 40	P102	10 6101	R T CAMH 100E M OW1
C.52	11 41051	C POMEFF 560K K 100	P103	10 6105	R T CAMH 2K2 M OW1
C.53	11 4120	C POMEFF 10K K 250	P104	10 6105	R T CAMH 2K2 M OW1
C.54	11 2920	C COG MU 4K7 J5 63	P105	10 6109	R T CAMH 47K M OW1
C.55	11 4120	C POMEFF 10K K 250	P106	10 6111	R T CAMH 100K M OW1
C.56	11 4102	C POMEFF 220K K 100	PC..	71 6345	PCB TV 40 FRAME SUP 2 761372
C.57	11 4124	C POMEFF 22K K 250	PTC1	10 5209	R PTC 220V
C.58	11 4134	C POMEFF 150K K 250	Q..1	13 2946	Q BU2508 N1500*/ 8A
C.59	11 2833	C CE DI 4K7 S 400	Q..2	13 2517	Q BUX84 N 250 / 50
C.60	11 4140	C POMEFF 470K K 250	Q..3	13 2552	Q BF423 P 250 / 50
C.61	11 1190	C ELAX 100M T 40	Q..4	13 2516	Q BF422 N 250 / 25
C.62	11 4442	C PO FF 470K K 250	Q.40	13 1413	Q BC557 P 45 / 0A1
C.63	11 4588	C PP PO 220K K 250	Q.50	13 14295	Q BC549B N 30 / 0A1
C.64	11 1780	C PPMEPO 9K1 J 1500	Q.51	13 1471	Q BF458 N 250 / 0A1
C.65	11 17913	C PPMEPO 27K J 1000	Q.52	13 2949	Q BU508AF N1500 / 8A
C.66	11 4100	C POMEFF 100K K 100	Q100	13 1418	Q BC559 P 30 / 0A1
C.67	11 4636	C HV AX 50K M 1600	Q101	13 14072	Q BC547A N 45 / 0A1
C.70	11 1115	C ELAX 10M Z 6	Q102	13 2570	Q BDx77,709 N 80 / 8A
C.72	11 4102	C POMEFF 220K K 100	R..1	10 4407	R WW V 3E3 K 11W
C100	11 3732	C POMEFF 470K K5 63	R..2	10 11947	R CFF E47 K OW4
C101	11 1193	C ELAX 1000M T 40	R..3	10 11947	R CFF E47 K OW4
C102	11 3728	C POMEFF 220K K5 63	R..4	10 1358	R CF 68K J 1W
C103	11 3732	C POMEFF 470K K5 63	R..5	10 1244	R CF 4K7 J OW5
C104	11 4100	C POMEFF 100K K 100	R..6	10 1359	R CF 82K J 1W
C105	11 3724	C POMEFF 100K K5 63	R..7	10 11907	R CFF E10 J OW4
C106	11 1487	C ELPR 100M Z5 40	R..8	10 1217	R CF 27E J OW5
C107	11 1531	C ELPRMI 10M M5 35	R..9	10 3254	R MO 33K J 1W5
C108	11 1549	C ELPRMI 3M3 M5 50	R.10	10 1100	R CF 1E J OW25
C110	11 11841	C ELAX 1M T 40	R.11	10 1100	R CF 1E J OW25
C111	11 1147	C ELAX 100M T 16	R.12	10 1160	R CF 100K J OW25
C112	11 4124	C POMEFF 22K K 250	R.13	10 4268	R WW V 33E K 7W
C113	11 4110	C POMEFF 4M7 K 100	R.14	10 1152	R CF 22K J OW25
C114	11 1164	C ELAX 1000M T 25	R.15	10 1148	R CF 10K J OW25
C115	11 3724	C POMEFF 100K K5 63	R.16	10 1265	R CF 270K J OW5
C150	11 4602	C POHVPO 47K M 1000	R.17	10 1139	R CF 1K8 J OW25
C151	11 4162	C POMEFF 100K K 400	R.18	10 5017	R NTC 4E7
C170	11 4188	C POMEFF 220K K 630	R.19	10 1267	R CF 390K J OW5
C171	11 1716	C CE 680P 1000	R.20	10 4670	R HV 4M7 J OW5
D..1	13 1637	D BA158 SWITCH	R.21	10 4670	R HV 4M7 J OW5
D..2	13 1921	D BY299,SK4G8 800V/2A R	R.22	10 1155	R CF 39K J OW25
D..3	13 1955	D BYW95C R	R.23	10 1157	R CF 56K J OW25
D..4	13 1955	D BYW95C R	R.24	10 1143	R CF 3K9 J OW25
D..5	13 1956	D BY28-200 200V/3A5 AR	R.25	10 1253	R CF 27K J OW5
D..6	13 1646	D 1N4007 1300V/1A	R.26	10 13997	R CFF E10 K 1W
D..7	13 1637	D BA158 SWITCH			
D..8	13 1637	D BA158 SWITCH			
D..9	13 1646	D 1N4007 1300V/1A			
D.10	13 19025	D BY255,BYM561300V/3A R			
D.11	13 19025	D BY255,BYM561300V/3A R			
D.12	13 19025	D BY255,BYM561300V/3A R			

FRAME SUPPLY BOARD

76 1688

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
R.27	10 11907	R CFF E10 J OW4	001.	31 35770	J MT MBT P 2 10 LOCK
R.28	10 1130	R CF 330E J OW25	002.	31 5310	J TAB MBT 0,5 2,8 PLANE
R.41	10 11369	R CFF 1K J OW25	003.	31 3454	J TAB MBT 0,5 4,8
R.42	10 1134	R CF 680E J OW25	004.	31 35780	J MT MBT P 4 7,5 LOCK
R.43	10 1148	R CF 10K J OW25	005.	31 32651	R WW V HOLDER H20
R.44	10 1138	R CF 1K5 J OW25	006.	31 3224	R WW V HOLDER H25
R.47	10 1162	R CF 150K J OW25	007.	31 4501	FUSE HOLDER 5X20 CLIPS-HOLDER
R.48	10 1145	R CF 5K6 J OW25	008.	31 1039	J CRT FBT CVT3240 SOCK
R.50	10 1121	R CF 56E J OW25	009.	31 3249	J IC FBT P18 7,5
R.51	10 1134	R CF 680E J OW25	010.	31 3599	J EDGE FBT P20 5
R.52	10 1144	R CF 4K7 J OW25	012.	36 2122	SCREW DIN7985 M 3 X 8 MP+
R.53	10 1135	R CF 820E J OW25	013.	36 6102	NUT DIN934 M 3 HEXAGON
R.54	10 1160	R CF 100K J OW25	015.	80 0170	FRAME TV 40 LATH L
R.55	10 1161	R CF 120K J OW25	016.	80 0171	FRAME TV 40 LATH R
R.56	10 1149	R CF 12K J OW25	017.	72 1664	FIX TV 40 FRAME STRIP
R.57	10 1161	R CF 120K J OW25	018.	80 0169	HEATSINK TV 40 FRAME DOWN
R.58	10 1136	R CF 1K J OW25	019.	36 7454	RIVET P AL FE TAP/D/BS44 D3,2
R.59	10 4656	R HV 1M2 J OW5	020.	80 0182	HEATSINK TV 40 SMP
R.60	10 1136	R CF 1K J OW25	021.	80 01881	ISOL MN 40 SHEET 15X24
R.61	10 1132	R CF 470E J OW25	023.	13 3058	Q FIX CLIPS TO-220
R.62	10 4170	R WW V 1K K 4W	024.	13 3032	Q FIX CLIPS TO-126
R.63	10 4245	R WW V 2K7 K 7W	0241	13 3039	SPACER L 8 D 4 D1,2 CER
R.64	10 4172	R WW V 1E8 K 4W	025.	13 3062	Q FIX CLIPS SOT-93
R.65	10 1120	R CF 47E J OW25	027.	59 0217	LABEL EHT ARROW
R.66	10 14675	R MF 390K J 1W5	8100	34 8100	WIRE JUMPER 0,6 M AUTOM
R.67	10 14675	R MF 390K J 1W5			
R.68	10 1132	R CF 470E J OW25			
R.69	10 41698	R WWFV 1K5 K 3W			
R.70	10 1124	R CF 100E J OW25			
R.72	10 1164	R CF 220K J OW25			
R.73	10 1164	R CF 220K J OW25			
R.74	10 1136	R CF 1K J OW25			
R.75	10 1124	R CF 100E J OW25			
R.91	10 1168	R CF 470K J OW25			
R.92	10 1135	R CF 820E J OW25			
R.94	10 1136	R CF 1K J OW25			
R.95	10 1108	R CF 4E7 J OW25			
R.96	10 1142	R CF 3K3 J OW25			
R.97	10 1133	R CF 560E J OW25			
R.98	10 1136	R CF 1K J OW25			
R100	10 1144	R CF 4K7 J OW25			
R101	10 1168	R CF 470K J OW25			
R102	10 1206	R CF 3E3 J OW5			
R103	10 1159	R CF 82K J OW25			
R104	10 1149	R CF 12K J OW25			
R105	10 1163	R CF 180K J OW25			
R106	10 1156	R CF 47K J OW25			
R107	10 1156	R CF 47K J OW25			
R108	10 1142	R CF 3K3 J OW25			
R109	10 1161	R CF 120K J OW25			
R110	10 1151	R CF 18K J OW25			
R111	10 1136	R CF 1K J OW25			
R112	10 1151	R CF 18K J OW25			
R113	10 1131	R CF 390E J OW25			
R114	10 1136	R CF 1K J OW25			
R115	10 1126	R CF 150E J OW25			
R116	10 1100	R CF 1E J OW25			
R117	10 1140	R CF 2K2 J OW25			
R118	10 1156	R CF 47K J OW25			
R120	10 1156	R CF 47K J OW25			
R121	10 1159	R CF 82K J OW25			
R122	10 1136	R CF 1K J OW25			
R123	10 1166	R CF 330K J OW25			
R125	10 1140	R CF 2K2 J OW25			
R127	10 1103	R CF 1E8 J OW25			
R150	10 4656	R HV 1M2 J OW5			
R151	10 41778	R WWFV 2E2 K 3W			
R154	10 12484	R CF 10K J OW5			
R155	10 2038	R CC 1K5 K OW5			
R156	10 12364	R CF 1K J OW5			
R157	10 12364	R CF 1K J OW5			
R158	10 1262	R CF 150K J OW5			
R159	10 12364	R CF 1K J OW5			
R165	10 1145	R CF 5K6 J OW25			
R180	10 1124	R CF 100E J OW25			
T..1	77 41106	TRANSF TV 40 SMP 67 CEBEC			
T.50	77 3360	TRANSF TV 34 HOR DRIVER			
T.51	77 4314	TRANSF MN 40 EHT PCM21			
Z..1	13 2102	U 33B 2TK 33V STAB			
Z..2	13 2102	U 33B 2TK 33V STAB			
Z.10	13 1771	D ZENER 150V OW5 C			
Z.11	13 1771	D ZENER 150V OW5 C			
Z.40	13 1730	D ZENER 20V OW5 C			

76 1208D

UN FRAME TV 40 SUP CTV27

UNIT I SENSE ABL

76 1680

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C..1	11 2741	C CE MI 1K5 K5 63	Q..1	13 2552	Q BF423 P 250 / 50
C..2	11 2741	C CE MI 1K5 K5 63	Q..2	13 2552	Q BF423 P 250 / 50
C..3	11 2741	C CE MI 1K5 K5 63	Q..3	13 2552	Q BF423 P 250 / 50
C..4	11 2240	C NPO MI 68P J5 63			
D..1	13 1621	D 1N4148 SWITCH	R..1	10 0171	R CF V 820K J5 0W25
D..1	13 16217	D 1N4148 SWITCH	R..2	10 0171	R CF V 820K J5 0W25
D..2	13 16217	D 1N4148 SWITCH	R..3	10 0171	R CF V 820K J5 0W25
D..3	13 16217	D 1N4148 SWITCH	R..4	10 0172	R CF V 1M K5 0W25
D..4	13 16217	D 1N4148 SWITCH	R..5	10 0172	R CF V 1M K5 0W25
			R..6	10 0172	R CF V 1M K5 0W25
P..1	10 6116	R T CAMH 4M7 M 0W1		76 1293D	UN I SENSE TV 40 ABL
P..2	10 6116	R T CAMH 4M7 M 0W1			
P..3	10 6116	R T CAMH 4M7 M 0W1	001.	31 3284	J CIS MBS P 1 L 6,2REEL
PC..	71 6583	PCB MN 40 I SEN ABLSCM 7612933			

UNIT SUB GEOMETRY

76 1681

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C109	11 1162	C ELAX 220M T 25	R171	10 1140	R CF 2K2 J 0W25
C153	11 4106	C POMEFF 1M K 100	R172	10 1147	R CF 8K2 J 0W25
			R173	10 1118	R CF 33E J 0W25
D.71	13 1621	D 1N4148 SWITCH		76 1681D	UN SUB GEOMETRIE 40 BLACKLINE
PC..	78 0071	PCB MN 40 GEOMETRIE BLACKLINE		31 3284	J CIS MBS P 1 L 6,2REEL
R119	10 1133	R CF 560E J 0W25		31 3366	J CIS MBS P 1 L 8,7REEL

FRAME SUPPLY BOARD

76 1941

FRAME SUPPLY BOARD

76 1941

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
	76 15739	UN RETARDED MN 40 SCM 110V V2	D.12	13 19025	D BY255,BYM561300V/3A R
	76 1680	UN I SENSE MN 40 ABL BLACKLINE	D.13	13 19025	D BY255,BYM561300V/3A R
	76 1681	UN SUB GEOMETRIE 40 BLACKLINE	D.14	13 1644	D 1N4001 50V/1A
C..1	11 4103	C POMEFF 330K K 100	D.40	13 1621	D 1N4148 SWITCH
C..2	11 1418	C ELSN 22M T 350	D.41	13 1637	D BA158 SWITCH
C..3	11 4103	C POMEFF 330K K 100	D.42	13 1621	D 1N4148 SWITCH
C..4	11 1479	C ELPR 470M Z5 25	D.50	13 1637	D BA158 SWITCH
C..5	11 1479	C ELPR 470M Z5 25	D.51	13 20701	D BG2097-643-CSA CASCADE
C..6	11 14169	C ELPRUL 10M M 350	D.52	13 1942	D BY448 1500V/4A R
C..7	11 2833	C CE DI 4K7 S 400	D.53	13 1921	D BY299,SK4G8 800V/2A R
C..8	11 1410	C ELSN 47M T 250	D.54	13 1921	D BY299,SK4G8 800V/2A R
C..9	11 13711	C ELSN 1000M T 40	D.55	13 1921	D BY299,SK4G8 800V/2A R
C.10	11 1479	C ELPR 470M Z5 25	D.56	13 1637	D BA158 SWITCH
C.11	11 2825	C CE DI 1K S 400	D.70	13 1637	D BA158 SWITCH
C.13	11 50051	C PPMPEO 2K2 J 1500	D100	13 1644	D 1N4001 50V/1A
C.14	11 1487	C ELPR 100M Z5 40	D101	13 1621	D 1N4148 SWITCH
C.15	11 1478	C ELPR 220M Z5 25	D102	13 1621	D 1N4148 SWITCH
C.16	11 4427	C PO FF 22K M 250	F..1	31 4150	FUSE 2A 5X20 SLOW UL-CSA
C.17	11 15465	C ELPRMI 1M M5 50	F..2	31 4150	FUSE 2A 5X20 SLOW UL-CSA
C.18	11 39622	C PETPFP 10K J 400	F..3	31 4149	FUSE 1A250 5X20 FAST UL-CSA
C.19	11 2234	C NPO MI 22P G5 63	I..1	13 4010	U 7815 +15V/1A STAB
C.20	11 4716	C POSAPO 1M M AC250	I..2	13 27871	U 4601 TDA SMP CTRL
C.21	11 4720	C CESA Y 1K M 400	I.50	13 2762	U 2595 TDA HOR COMB
C.22	11 4720	C CESA Y 1K M 400	I100	13 2790	U 2653A TDA VER DEFL AMP
C.23	11 2837	C CE DI 10K S 400	L..1	77 3028	COIL CHOKE SMP TV 31
C.24	11 2837	C CE DI 10K S 400	L..2	77 3028	COIL CHOKE SMP TV 31
C.25	11 1654	C ELRA 220M T 385	L..3	30 2108	CORE TUBE 1,3/ 3,5 X 3
C.26	11 4720	C CESA Y 1K M 400	L..4	30 6435	COIL CHOKE MAINS 4043/93
C.27	11 4166	C POMEFF 220K K 400	L..5	71 2604	CORE FERROX D2/5L10
C.28	11 47105	C POSAPO 100K M AC250	L.50	77 4224	COIL LIN 4042/08A SILIC
C.29	11 4132	C POMEFF 100K K 250	L100	77 3363	COIL BRIDGE TV 34G5
C.30	11 1151	C ELAX 2200M T 16	P..1	10 6107	R T CAMH 10K M OW1
C.31	11 1466	C ELPR 100M Z5 16	P..2	10 6107	R T CAMH 10K M OW1
C.32	11 2774	C CE MI 100K U5 63	P.50	10 6109	R T CAMH 47K M OW1
C.40	11 1531	C ELPRMI 10M M5 35	P.51	10 6109	R T CAMH 47K M OW1
C.41	11 4162	C POMEFF 100K K 400	P100	10 6109	R T CAMH 47K M OW1
C.42	11 41051	C POMEFF 560K K 100	P101	10 6104	R T CAMH 1K M OW1
C.50	11 1468	C ELPR 470M Z5 16	P102	10 6101	R T CAMH 100E M OW1
C.51	11 1184	C ELAX 4M7 Z 40	P103	10 6105	R T CAMH 2K2 M OW1
C.52	11 41051	C POMEFF 560K K 100	P104	10 6105	R T CAMH 2K2 M OW1
C.53	11 4120	C POMEFF 10K K 250	P105	10 6109	R T CAMH 47K M OW1
C.54	11 2920	C COG MU 4K7 J5 63	P106	10 6111	R T CAMH 100K M OW1
C.55	11 4120	C POMEFF 10K K 250	PC..	71 6345	PCB TV 40 FRAME SUP 2 761372
C.56	11 4102	C POMEFF 220K K 100	Q..1	13 2946	Q BU2508 N1500*/ 8A
C.57	11 4124	C POMEFF 22K K 250	Q..2	13 2517	Q BUX84 N 250 / 50
C.58	11 4134	C POMEFF 150K K 250	Q..3	13 2552	Q BF423 P 250 / 50
C.59	11 2833	C CE DI 4K7 S 400	Q..4	13 2516	Q BF422 N 250 / 25
C.60	11 4140	C POMEFF 470K K 250	Q.40	13 1413	Q BC557 P 45 / 0A1
C.61	11 1190	C ELAX 100M T 40	Q.50	13 14295	Q BC549B N 30 / 0A1
C.62	11 4442	C PO FF 470K K 250	Q.51	13 1471	Q BF458 N 250 / 0A1
C.63	11 4590	C PP PO 330K K 250	Q.52	13 2949	Q BUS08AF N1500 / 8A
C.64	11 1780	C PPMPEO 9K1 J 1500	Q100	13 1418	Q BC559 P 30 / 0A1
C.65	11 17913	C PPMPEO 27K J 1000	Q101	13 14072	Q BC547A N 45 / 0A1
C.66	11 4100	C POMEFF 100K K 100	Q102	13 2570	Q BDX77,709 N 80 / 8A
C.67	11 4636	C HV AX 50K M 1600	R..1	10 4407	R WW V 3E3 K 11W
C.70	11 1115	C ELAX 10M Z 6	R..2	10 11947	R CFF E47 K OW4
C.72	11 4102	C POMEFF 220K K 100	R..3	10 11947	R CFF E47 K OW4
C100	11 3732	C POMEFF 470K K5 63	R..4	10 1358	R CF 68K J 1W
C101	11 1193	C ELAX 1000M T 40	R..5	10 1244	R CF 4K7 J OW5
C102	11 3728	C POMEFF 220K K5 63	R..6	10 1359	R CF 82K J 1W
C103	11 3732	C POMEFF 470K K5 63	R..7	10 11907	R CFF E10 J OW4
C104	11 4100	C POMEFF 100K K 100	R..8	10 1217	R CF 27E J OW5
C105	11 3724	C POMEFF 100K K5 63	R..9	10 3254	R MO 33K J 1W5
C106	11 1487	C ELPR 100M Z5 40	R.10	10 1100	R CF 1E J OW25
C107	11 1531	C ELPRMI 10M M5 35	R.11	10 1100	R CF 1E J OW25
C108	11 1549	C ELPRMI 3M3 M5 50	R.12	10 1160	R CF 100K J OW25
C110	11 11841	C ELAX 1M T 40	R.13	10 4268	R WW V 33E K 7W
C111	11 1147	C ELAX 100M T 16	R.14	10 1152	R CF 22K J OW25
C112	11 4124	C POMEFF 22K K 250	R.15	10 1148	R CF 10K J OW25
C113	11 4110	C POMEFF 4M7 K 100	R.16	10 1265	R CF 270K J OW5
C114	11 1164	C ELAX 1000M T 25	R.17	10 1139	R CF 1K8 J OW25
C115	11 3724	C POMEFF 100K K5 63	R.18	10 41768	R WWFV 100E K 3W
C150	11 4602	C POHVPO 47K M 1000	R.19	10 1267	R CF 390K J OW5
C151	11 4162	C POMEFF 100K K 400	R.20	10 4670	R HV 4M7 J OW5
C.170	11 4188	C POMEFF 220K K 630	R.21	10 4670	R HV 4M7 J OW5
C.171	11 1716	C CE 680P 1000	R.22	10 1155	R CF 39K J OW25
D..1	13 1637	D BA158 SWITCH	R.23	10 1157	R CF 56K J OW25
D..2	13 1921	D BY299,SK4G8 800V/2A R	R.24	10 1143	R CF 3K9 J OW25
D..3	13 1955	D BYW95C R	R.25	10 1253	R CF 27K J OW5
D..4	13 1955	D BYW95C R	R.26	10 13997	R CFF E10 K 1W
D..5	13 1956	D BYV28-200 200V/3A5 AR	R.27	10 11907	R CFF E10 J OW4
D..6	13 1646	D 1N4007 1300V/1A	R.28	10 1130	R CF 330E J OW25
D..7	13 1637	D BA158 SWITCH			
D..8	13 1637	D BA158 SWITCH			
D..9	13 1646	D 1N4007 1300V/1A			
D.10	13 19025	D BY255,BYM561300V/3A R			
D.11	13 19025	D BY255,BYM561300V/3A R			

FRAME SUPPLY BOARD

76 1941

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
R.41	10 11369	R CFF 1K J 0W25	R120	10 1156	R CF 47K J 0W25
R.42	10 1134	R CF 680E J 0W25	R121	10 1159	R CF 82K J 0W25
R.43	10 1148	R CF 10K J 0W25	R122	10 1136	R CF 1K J 0W25
R.44	10 1138	R CF 1K5 J 0W25	R123	10 1165	R CF 270K J 0W25
R.47	10 1162	R CF 150K J 0W25	R125	10 1140	R CF 2K2 J 0W25
R.48	10 1145	R CF 5K6 J 0W25	R126	10 4169	R WW V 1K5 K 4W
R.50	10 1121	R CF 56E J 0W25	R127	10 1100	R CF 1E J 0W25
R.51	10 1134	R CF 680E J 0W25	R127	10 1103	R CF 1E8 J 0W25
R.52	10 1144	R CF 4K7 J 0W25	R150	10 4656	R HV 1M2 J 0W5
R.53	10 1135	R CF 820E J 0W25	R151	10 41778	R WWFV 2E2 K 3W
R.54	10 1160	R CF 100K J 0W25	R154	10 12484	R CF 10K J 0W5
R.55	10 1161	R CF 120K J 0W25	R155	10 2038	R CC 1K5 K 0W5
R.56	10 1149	R CF 12K J 0W25	R156	10 12364	R CF 1K J 0W5
R.57	10 1161	R CF 120K J 0W25	R157	10 12364	R CF 1K J 0W5
R.58	10 1136	R CF 1K J 0W25	R158	10 1262	R CF 150K J 0W5
R.59	10 4656	R HV 1M2 J 0W5	R159	10 12364	R CF 1K J 0W5
R.60	10 1136	R CF 1K J 0W25	R180	10 1124	R CF 100E J 0W25
R.61	10 1132	R CF 470E J 0W25	R181	10 1145	R CF 5K6 J 0W25
R.62	10 4170	R WW V 1K K 4W			
R.63	10 4245	R WW V 2K7 K 7W			
R.64	10 4172	R WW V 1E8 K 4W			
R.65	10 1120	R CF 47E J 0W25	T..1	77 41106	TRANSF TV 40 SMP 67 CEBEC
R.66	10 14675	R MF 390K J 1W5	T.50	77 3360	TRANSF TV 34 HOR DRIVER
R.67	10 14675	R MF 390K J 1W5	T.51	77 4314	TRANSF MN 40 EHT PCM21
R.68	10 1118	R CF 33E J 0W25			
R.68	10 1131	R CF 390E J 0W25	2..1	13 2102	U 33B 2TK 33V STAB
R.69	10 41698	R WWFV 1K5 K 3W	2..2	13 2102	U 33B 2TK 33V STAB
R.70	10 1124	R CF 100E J 0W25	2.10	13 1771	D ZENER 150V 0W5 C
R.72	10 1164	R CF 220K J 0W25	2.11	13 1771	D ZENER 150V 0W5 C
R.73	10 1164	R CF 220K J 0W25	2.40	13 1730	D ZENER 20V 0W5 C
R.74	10 1136	R CF 1K J 0W25			
R.75	10 1124	R CF 100E J 0W25	76	1208D	UN FRAME TV 40 SUP CTV27
R.91	10 1168	R CF 470K J 0W25			
R.92	10 1135	R CF 820E J 0W25	001.	31 35770	J MT MBT P 2 10 LOCK
R.94	10 1136	R CF 1K J 0W25	002.	31 5310	J TAB MBT 0,5 2,8 PLANE
R.95	10 1108	R CF 4E7 J 0W25	003.	31 3454	J TAB MBT 0,5 4,8
R.96	10 1142	R CF 3K3 J 0W25	004.	31 35780	J MT MBT P 4 7,5 LOCK
R.97	10 1133	R CF 560E J 0W25	005.	31 32651	R WW V HOLDER H20
R.98	10 1136	R CF 1K J 0W25	006.	31 3224	R WW V HOLDER H25
R100	10 1144	R CF 4K7 J 0W25	007.	31 4501	FUSE HOLDER 5X20 CLIPS-HOLDER
R101	10 1168	R CF 470K J 0W25	008.	31 1039	J CRT FBT CTV3240 SOCK
R102	10 1206	R CF 3E3 J 0W5	009.	31 3249	J IC FBT P18 7,5
R103	10 1159	R CF 82K J 0W25	010.	31 3599	J EDGE FBT P20 5
R104	10 1149	R CF 12K J 0W25	012.	36 2122	SCREW DIN7985 M 3 X 8 MP+
R105	10 1163	R CF 180K J 0W25	013.	36 6102	NUT DIN934 M 3 HEXAGON
R106	10 1156	R CF 47K J 0W25	015.	80 0170	FRAME TV 40 LATH L
R107	10 1156	R CF 47K J 0W25	016.	80 0171	FRAME TV 40 LATH R
R108	10 1142	R CF 3K3 J 0W25	017.	72 1664	FIX TV 40 FRAME STRIP
R109	10 1161	R CF 120K J 0W25	018.	80 0169	HEATSINK TV 40 FRAME DOWN
R110	10 1151	R CF 18K J 0W25	019.	36 7454	RIVET P AL FE TAP/D/BS44 D3,2
R111	10 1136	R CF 1K J 0W25	020.	80 0182	HEATSINK TV 40 SMP
R112	10 1151	R CF 18K J 0W25	021.	80 01881	ISOL MN 40 SHEET 15X24
R113	10 1131	R CF 390E J 0W25	023.	13 3058	Q FIX CLIPS TO-220
R114	10 1136	R CF 1K J 0W25	024.	13 3032	Q FIX CLIPS TO-126
R115	10 1126	R CF 150E J 0W25	0241	13 3039	SPACER L 8 D 4 D1,2 CER
R116	10 1100	R CF 1E J 0W25	025.	13 3062	Q FIX CLIPS SOT-93
R117	10 1140	R CF 2K2 J 0W25	027.	59 0217	LABEL EHT ARROW
R118	10 1156	R CF 47K J 0W25	8100	34 8100	WIRE JUMPER 0,6 M AUTOM

DELAY UNIT

76 15739

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C..1	11 14855	C ELPR 22M 25 40			
C..2	11 1654	C ELRA 220M T 385	10	11129	R CFF 10E J 0W25
			76	1573D	3N RETARDED MN 40 SCM 220V V2
D..1	13 1637	D BA158 SWITCH			
PTC1	10 52096	R PTC 220V PHILIPS 662	001.	31 3366	J CIS MBS P 1 L 8,7REEL
PC..	71 6543	PCB MN 40 SCM RETARD ON 761573	001.	32 43231	RELAY 880E 24V 2U CSA
			002.	80 0743	SPACER RIV L29 D 7 M3 AL

UNIT I SENSE ABL

76 1680

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C..1	11 2741	C CE MI 1K5 K5 63	Q..1	13 2552	Q BF423 P 250 / 50
C..2	11 2741	C CE MI 1K5 K5 63	Q..2	13 2552	Q BF423 P 250 / 50
C..3	11 2741	C CE MI 1K5 K5 63	Q..3	13 2552	Q BF423 P 250 / 50
C..4	11 2240	C NPO MI 68P J5 63			
D..1	13 1621	D 1N4148 SWITCH	R..1	10 0171	R CF V 820K J5 0W25
D..1	13 16217	D 1N4148 SWITCH	R..2	10 0171	R CF V 820K J5 0W25
D..2	13 16217	D 1N4148 SWITCH	R..3	10 0171	R CF V 820K J5 0W25
D..3	13 16217	D 1N4148 SWITCH	R..4	10 0172	R CF V 1M K5 0W25
D..4	13 16217	D 1N4148 SWITCH	R..5	10 0172	R CF V 1M K5 0W25
P..1	10 6116	R T CAMH 4M7 M 0W1		76 1293D	UN I SENSE TV 40 ABL
P..2	10 6116	R T CAMH 4M7 M 0W1			
P..3	10 6116	R T CAMH 4M7 M 0W1	001.	31 3284	J CIS MBS P 1 L 6,2REEL
PC..	71 6583	PCB MN 40 I SEN ABLSCM 7612933			

UNIT SUB GEOMETRY

76 1681

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C109	11 1162	C ELAX 220M T 25	R171	10 1140	R CF 2K2 J 0W25
C153	11 4106	C POMEFF 1M K 100	R172	10 1147	R CF 8K2 J 0W25
D.71	13 1621	D 1N4148 SWITCH	R173	10 1118	R CF 33E J 0W25
PC..	78 0071	PCB MN 40 GEOMETRIE BLACKLINE		76 1681D	UN SUB GEOMETRIE 40 BLACKLINE
R119	10 1133	R CF 560E J 0W25		31 3284	J CIS MBS P 1 L 6,2REEL
				31 3366	J CIS MBS P 1 L 8,7REEL

FRAME SUPPLY BOARD

76 1955

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
	76 1680	UN I SENSE MN 40 ABL BLACKLINE	D.13	13 19025	D BY255,BYM561300V/3A R
	76 1681	UN SUB GEOMETRIE 40 BLACKLINE	D.14	13 1644	D 1N4001 50V/1A
C..1	11 4103	C POMEFF 330K K 100	D.40	13 1621	D 1N4148 SWITCH
C..2	11 1418	C ELSN 22M T 350	D.41	13 1637	D BA158 SWITCH
C..3	11 4103	C POMEFF 330K K 100	D.42	13 1621	D 1N4148 SWITCH
C..4	11 1479	C ELPR 470M Z5 25	D.50	13 1637	D BA158 SWITCH
C..5	11 1479	C ELPR 470M Z5 25	D.51	13 2070	D BG2097-643-415 CASCADE
C..6	11 14169	C ELPRUL 10M M 350	D.52	13 1942	D BY448 1500V/4A R
C..7	11 2833	C CE DI 4K7 S 400	D.53	13 1921	D BY299,SK4G8 800V/2A R
C..8	11 1418	C ELSN 22M T 350	D.54	13 1921	D BY299,SK4G8 800V/2A R
C..9	11 13711	C ELSN 1000M T 40	D.55	13 1921	D BY299,SK4G8 800V/2A R
C.10	11 1479	C ELPR 470M Z5 25	D.56	13 1637	D BA158 SWITCH
C.11	11 2825	C CE DI 1K S 400	D.70	13 1637	D BA158 SWITCH
C.13	11 50051	C PPMEPO 2K2 J 1500	D100	13 1644	D 1N4001 50V/1A
C.14	11 1487	C ELPR 100M Z5 40	D101	13 1621	D 1N4148 SWITCH
C.15	11 1487	C ELPR 100M Z5 40	D102	13 1621	D 1N4148 SWITCH
C.16	11 4427	C PO FF 22K M 250	F..1	31 4116	FUSE 2A 5X20 SLOW
C.17	11 15465	C ELPRMI 1M M5 50	F..2	31 4116	FUSE 2A 5X20 SLOW
C.18	11 39622	C PETPFP 10K J 400	F..3	31 4102	FUSE 1A250 5X20 FAST
C.19	11 2234	C NPO MI 22P G5 63	I..1	13 4010	U 7815 +15V/1A STAB
C.20	11 4716	C POSAPO 1M M AC250	I..2	13 27871	U 4601 TDA SMP CTRL
C.21	11 4720	C CESA Y 1K M 400	I.50	13 2762	U 2595 TDA HOR COMB
C.22	11 4720	C CESA Y 1K M 400	I100	13 2790	U 2653A TDA VER DEFL AMP
C.23	11 2837	C CE DI 10K S 400	L..1	77 3028	COIL CHOKE SMP TV 31
C.24	11 2837	C CE DI 10K S 400	L..2	77 3028	COIL CHOKE SMP TV 31
C.25	11 1654	C ELRA 220M T 385	L..3	30 2108	CORE TUBE 1,3/ 3,5 X 3
C.26	11 4720	C CESA Y 1K M 400	L..4	30 6433	COIL CHOKE MAINS 27MH
C.27	11 4166	C POMEFF 220K K 400	L..5	71 2604	CORE FERROX D2/SL10
C.28	11 47105	C POSAPO 100K M AC250	L.50	77 4224	COIL LIN 4042/08A SILIC
C.29	11 4132	C POMEFF 100K K 250	L100	77 3363	COIL BRIDGE TV 34GS
C.30	11 1151	C ELAX 2200M T 16	P..1	10 6107	R T CAMH 10K M OW1
C.31	11 1466	C ELPR 100M Z5 16	P..2	10 6107	R T CAMH 10K M OW1
C.32	11 2774	C CE MI 100K U5 63	P.50	10 6109	R T CAMH 47K M OW1
C.40	11 1531	C ELPRMI 10M M5 35	P.51	10 6109	R T CAMH 47K M OW1
C.41	11 4162	C POMEFF 100K K 400	P100	10 6109	R T CAMH 47K M OW1
C.42	11 41051	C POMEFF 560K K 100	P101	10 6104	R T CAMH 1K M OW1
C.50	11 1468	C ELPR 470M Z5 16	P102	10 6101	R T CAMH 100E M OW1
C.51	11 1184	C ELAX 4M7 Z 40	P103	10 6105	R T CAMH 2K2 M OW1
C.52	11 41051	C POMEFF 560K K 100	P104	10 6105	R T CAMH 2K2 M OW1
C.53	11 4120	C POMEFF 10K K 250	P105	10 6109	R T CAMH 47K M OW1
C.54	11 2920	C COG MU 4K7 J5 63	P106	10 6111	R T CAMH 100K M OW1
C.55	11 4120	C POMEFF 10K K 250	PC..	71 6345	PCB TV 40 FRAME SUP 2 761372
C.56	11 4102	C POMEFF 220K K 100	PTC1	10 52096	R PTC 220V PHILIPS
C.57	11 4124	C POMEFF 22K K 250	Q..1	13 2946	Q BU2508 N1500*/ 8A
C.58	11 4134	C POMEFF 150K K 250	Q..2	13 2517	Q BUX84 N 250 / 50
C.59	11 2833	C CE DI 4K7 S 400	Q..3	13 2552	Q BF423 P 250 / 50
C.60	11 4140	C POMEFF 470K K 250	Q..4	13 2516	Q BF422 N 250 / 25
C.61	11 1190	C ELAX 100M T 40	Q.40	13 1413	Q BC557 P 45 / 0A1
C.62	11 4442	C PO FF 470K K 250	Q.50	13 14295	Q BC549B N 30 / 0A1
C.63	11 4590	C PP PO 330K K 250	Q.51	13 1471	Q BF458 N 250 / 0A1
C.64	11 1780	C PPMEPO 9K1 J 1500	Q.52	13 2949	Q BU508AF N1500 / 8A
C.65	11 17913	C PPMEPO 27K J 1000	Q100	13 1418	Q BC559 P 30 / 0A1
C.66	11 4100	C POMEFF 100K K 100	Q101	13 14072	Q BC547A N 45 / 0A1
C.67	11 4636	C HV AX 50K M 1600	Q102	13 2570	Q BDX77,709 N 80 / 8A
C.70	11 1115	C ELAX 10M Z 6	R..1	10 4407	R WW V 3E3 K 11W
C.72	11 4102	C POMEFF 220K K 100	R..2	10 11947	R CFF E47 K OW4
C100	11 3732	C POMEFF 470K K5 63	R..3	10 11947	R CFF E47 K OW4
C101	11 1193	C ELAX 1000M T 40	R..4	10 1358	R CF 68K J 1W
C102	11 3728	C POMEFF 220K K5 63	R..5	10 1244	R CF 4K7 J OW5
C103	11 3732	C POMEFF 470K K5 63	R..6	10 1359	R CF 82K J 1W
C104	11 4100	C POMEFF 100K K 100	R..7	10 11907	R CFF E10 J OW4
C105	11 3724	C POMEFF 100K K5 63	R..8	10 1217	R CF 27E J OW5
C106	11 1487	C ELPR 100M Z5 40	R..9	10 3254	R MO 33K J 1W5
C107	11 1531	C ELPRMI 10M M5 35	R.10	10 1100	R CF 1E J OW25
C108	11 1549	C ELPRMI 3M3 M5 50	R.11	10 1100	R CF 1E J OW25
C110	11 11841	C ELAX 1M T 40	R.12	10 1160	R CF 100K J OW25
C111	11 1147	C ELAX 100M T 16	R.13	10 4268	R WW V 33E K 7W
C112	11 4124	C POMEFF 22K K 100	R.14	10 1152	R CF 22K J OW25
C113	11 4110	C POMEFF 4M7 K 100	R.15	10 1148	R CF 10K J OW25
C114	11 1164	C ELAX 1000M T 25	R.16	10 1265	R CF 270K J OW5
C115	11 3724	C POMEFF 100K K5 63	R.17	10 1139	R CF 1K8 J OW25
C150	11 4602	C POHVPO 47K M 1000	R.18	10 4407	R WW V 3E3 K 11W
C151	11 4162	C POMEFF 100K K 400	R.19	10 1267	R CF 390K J OW5
C170	11 4188	C POMEFF 220K K 630	R.20	10 4670	R HV 4M7 J OW5
C171	11 1716	C CE 680P 1000	R.21	10 4670	R HV 4M7 J OW5
D..1	13 1637	D BA158 SWITCH	R.22	10 1155	R CF 39K J OW25
D..2	13 1921	D BY299,SK4G8 800V/2A R	R.23	10 1157	R CF 56K J OW25
D..3	13 1955	D BYW95C R	R.24	10 1143	R CF 3K9 J OW25
D..4	13 1955	D BYW95C R	R.25	10 1253	R CF 27K J OW5
D..5	13 1956	D BYV28-200 200V/3A5 AR	R.26	10 13997	R CFF E10 K 1W
D..6	13 1646	D 1N4007 1300V/1A	R.27	10 11907	R CFF E10 J OW4
D..7	13 1637	D BA158 SWITCH			
D..8	13 1637	D BA158 SWITCH			
D..9	13 1646	D 1N4007 1300V/1A			
D.10	13 19025	D BY255,BYM561300V/3A R			
D.11	13 19025	D BY255,BYM561300V/3A R			
D.12	13 19025	D BY255,BYM561300V/3A R			

FRAME SUPPLY BOARD

76 1955

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
R.28	10 1130	R CF 330E J OW25	001.	31 3577	J MT MBT P 2 10 BLA
R.41	10 11369	R CFF 1K J OW25	001.	31 35770	J MT MBT P 2 10 LOCK
R.42	10 1134	R CF 680E J OW25	002.	31 5310	J TAB MBT 0,5 2,8 PLANE
R.43	10 1148	R CF 10K J OW25	003.	31 3454	J TAB MBT 0,5 4,8
R.44	10 1138	R CF 1K5 J OW25	004.	31 35780	J MT MBT P 4 7,5 LOCK
R.47	10 1162	R CF 150K J OW25	005.	31 32651	R WW V HOLDER H20
R.48	10 1145	R CF 5K6 J OW25	006.	31 3224	R WW V HOLDER H25
R.50	10 1121	R CF 56E J OW25	007.	31 4501	FUSE HOLDER 5X20 CLIPS-HOLDER
R.51	10 1134	R CF 680E J OW25	008.	31 1039	J CRT FBT CVT3240 SOCK
R.52	10 1144	R CF 4K7 J OW25	009.	31 3249	J IC FBT P18 7,5
R.53	10 1135	R CF 820E J OW25	010.	31 3599	J EDGE FBT P20 5
R.54	10 1160	R CF 100K J OW25	012.	36 2122	SCREW DIN7985 M 3 X 8 MP+
R.55	10 1161	R CF 120K J OW25	013.	36 6102	NUT DIN934 M 3 HEXAGON
R.56	10 1149	R CF 12K J OW25	015.	80 0170	FRAME TV 40 LATH L
R.57	10 1161	R CF 120K J OW25	016.	80 0171	FRAME TV 40 LATH R
R.58	10 1136	R CF 1K J OW25	017.	72 1664	FIX TV 40 FRAME STRIP
R.59	10 4656	R HV 1M2 J OW5	018.	80 0169	HEATSINK TV 40 FRAME DOWN
R.60	10 1136	R CF 1K J OW25	019.	36 7454	RIVET P AL FE TAP/D/BS44 D3,2
R.61	10 1132	R CF 470E J OW25	020.	80 0182	HEATSINK TV 40 SMP
R.62	10 4170	R WW V 1K K 4W	021.	80 01881	ISOL MN 40 SHEET 15X24
R.63	10 4245	R WW V 2K7 K 7W	023.	13 3058	Q FIX CLIPS TO-220
R.64	10 4172	R WW V 1E8 K 4W	024.	13 3032	Q FIX CLIPS TO-126
R.65	10 1120	R CF 47E J OW25	0241	13 3039	SPACER L 8 D 4 D1,2 CER
R.66	10 14675	R MF 390K J 1W5	025.	13 3062	Q FIX CLIPS SOT-93
R.67	10 14675	R MF 390K J 1W5	027.	59 0217	LABEL EHT ARROW
R.68	10 1131	R CF 390E J OW25	8100	34 8100	WIRE JUMPER 0,6 M AUTOM
R.69	10 41698	R WWFV 1K5 K 3W			
R.70	10 1124	R CF 100E J OW25			
R.72	10 1164	R CF 220K J OW25			
R.73	10 1164	R CF 220K J OW25			
R.74	10 1136	R CF 1K J OW25			
R.75	10 1124	R CF 100E J OW25			
R.91	10 1168	R CF 470K J OW25			
R.92	10 1135	R CF 820E J OW25			
R.94	10 1136	R CF 1K J OW25			
R.95	10 1108	R CF 4E7 J OW25			
R.96	10 1142	R CF 3K3 J OW25			
R.97	10 1133	R CF 560E J OW25			
R.98	10 1136	R CF 1K J OW25			
R068	10 1118	R CF 33E J OW25			
R100	10 1144	R CF 4K7 J OW25			
R101	10 1168	R CF 470K J OW25			
R102	10 1206	R CF 3E3 J OW5			
R103	10 1159	R CF 82K J OW25			
R104	10 1149	R CF 12K J OW25			
R105	10 1163	R CF 180K J OW25			
R106	10 1156	R CF 47K J OW25			
R107	10 1156	R CF 47K J OW25			
R108	10 1142	R CF 3K3 J OW25			
R109	10 1161	R CF 120K J OW25			
R110	10 1151	R CF 18K J OW25			
R111	10 1136	R CF 1K J OW25			
R112	10 1151	R CF 18K J OW25			
R113	10 1131	R CF 390E J OW25			
R114	10 1136	R CF 1K J OW25			
R115	10 1126	R CF 150E J OW25			
R116	10 1100	R CF 1E J OW25			
R117	10 1140	R CF 2K2 J OW25			
R118	10 1156	R CF 47K J OW25			
R120	10 1156	R CF 47K J OW25			
R121	10 1159	R CF 82K J OW25			
R122	10 1136	R CF 1K J OW25			
R123	10 1165	R CF 270K J OW25			
R125	10 1140	R CF 2K2 J OW25			
R127	10 1103	R CF 1E8 J OW25			
R127	10 11008	R CFF 1E J OW25			
R150	10 4656	R HV 1M2 J OW5			
R151	10 41778	R WWFV 2E2 K 3W			
R154	10 12484	R CF 10K J OW5			
R155	10 2038	R CC 1K5 K OW5			
R156	10 12364	R CF 1K J OW5			
R157	10 12364	R CF 1K J OW5			
R158	10 1262	R CF 150K J OW5			
R159	10 12364	R CF 1K J OW5			
R165	10 1145	R CF 5K6 J OW25			
R180	10 1124	R CF 100E J OW25			
T..1	77 41106	TRANSF TV 40 SMP 67 CEBEC			
T.50	77 3360	TRANSF TV 34 HOR DRIVER			
T.51	77 4314	TRANSF MN 40 EHT PCM21			
Z..1	13 2102	U 33B ZTK 33V STAB			
Z..2	13 2102	U 33B ZTK 33V STAB			
Z.10	13 1771	D ZENER 150V OW5 C			
Z.11	13 1771	D ZENER 150V OW5 C			
Z.40	13 1730	D ZENER 20V OW5 C			
76 1208D		UN FRAME TV 40 SUP CTV27			

UNIT I SENSE ABL

76 1680

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C..1	11 2741	C CE MI 1K5 K5 63	Q..1	13 2552	Q BF423 P 250 / 50
C..2	11 2741	C CE MI 1K5 K5 63	Q..2	13 2552	Q BF423 P 250 / 50
C..3	11 2741	C CE MI 1K5 K5 63	Q..3	13 2552	Q BF423 P 250 / 50
C..4	11 2240	C NPO MI 68P J5 63			
D..1	13 1621	D 1N4148 SWITCH	R..1	10 0171	R CF V 820K J5 0W25
D..1	13 16217	D 1N4148 SWITCH	R..2	10 0171	R CF V 820K J5 0W25
D..2	13 16217	D 1N4148 SWITCH	R..3	10 0171	R CF V 820K J5 0W25
D..3	13 16217	D 1N4148 SWITCH	R..4	10 0172	R CF V 1M K5 0W25
D..4	13 16217	D 1N4148 SWITCH	R..5	10 0172	R CF V 1M K5 0W25
P..1	10 6116	R T CAMH 4M7 M 0W1	R..6	10 0172	R CF V 1M K5 0W25
P..2	10 6116	R T CAMH 4M7 M 0W1		76 1293D	UN I SENSE TV 40 ABL
P..3	10 6116	R T CAMH 4M7 M 0W1	001.	31 3284	J CIS MBS P 1 L 6,2REEL
PC..	71 6583	PCB MN 40 I SEN ABLSCM 7612933			

UNIT SUB GEOMETRY

76 1681

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C109	11 1162	C ELAX 220M T 25	R171	10 1140	R CF 2K2 J 0W25
C153	11 4106	C POMEFF 1M K 100	R172	10 1147	R CF 8K2 J 0W25
			R173	10 1118	R CF 33E J 0W25
D..71	13 1621	D 1N4148 SWITCH		76 1681D	UN SUB GEOMETRIE 40 BLACKLINE
PC..	78 0071	PCB MN 40 GEOMETRIE BLACKLINE		31 3284	J CIS MBS P 1 L 6,2REEL
R119	10 1133	R CF 560E J 0W25		31 3366	J CIS MBS P 1 L 8,7REEL

INPUT/OUTPUT BOARDS

Input/output boards

- * Printed circuit board

76 1194 : In/Out module + Controls

- * Schematic diagram
- * Parts listing

76 13306 : In/Out module + Controls

- * Schematic diagram
- * Parts listing

76 1643 : In/Out module + Controls

- * Schematic diagram
- * Adjustment procedure
- * Parts listing

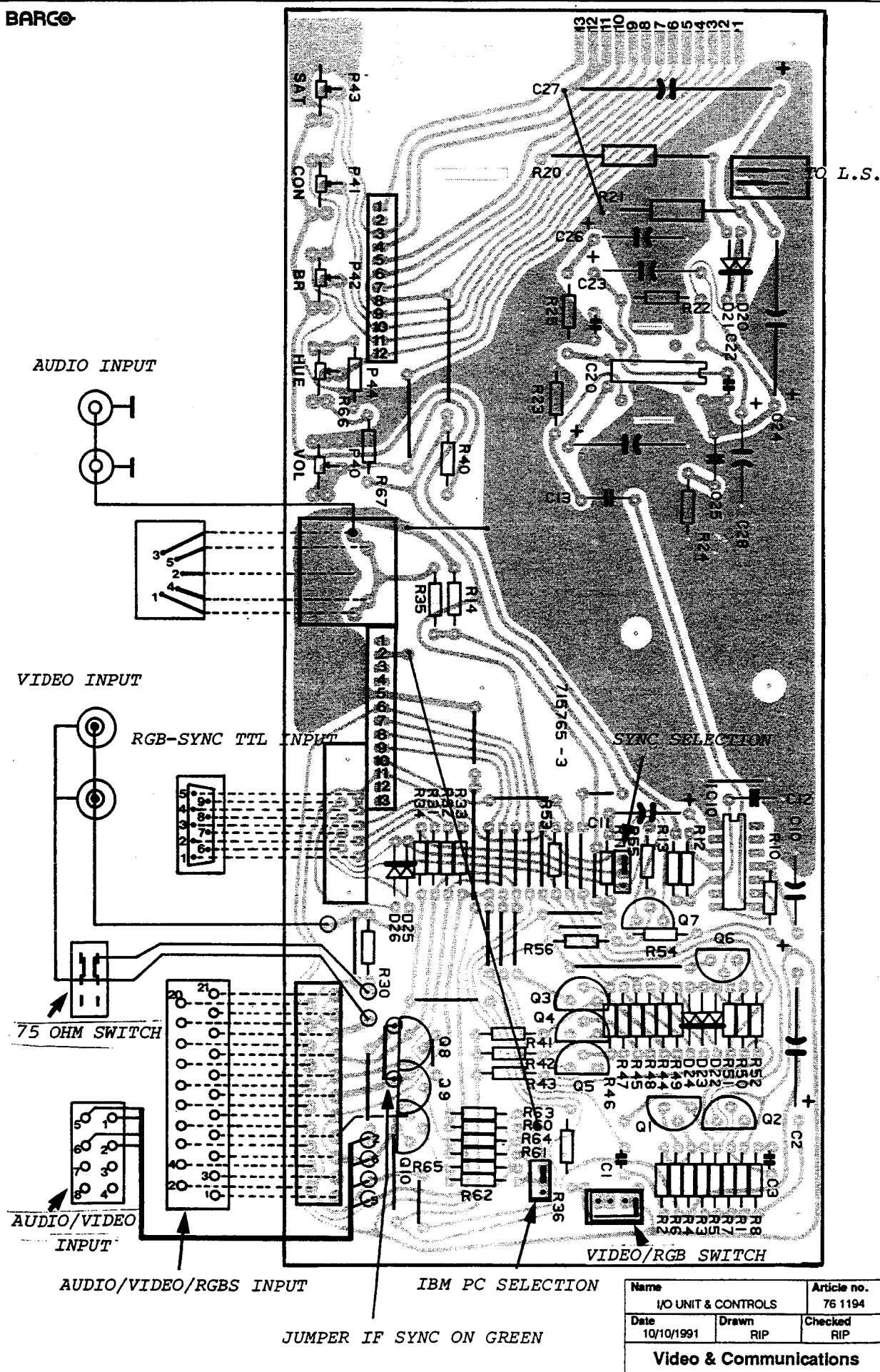
76 1687 : In/Out module + Controls

- * Schematic diagram
- * Adjustment procedure
- * Parts listing

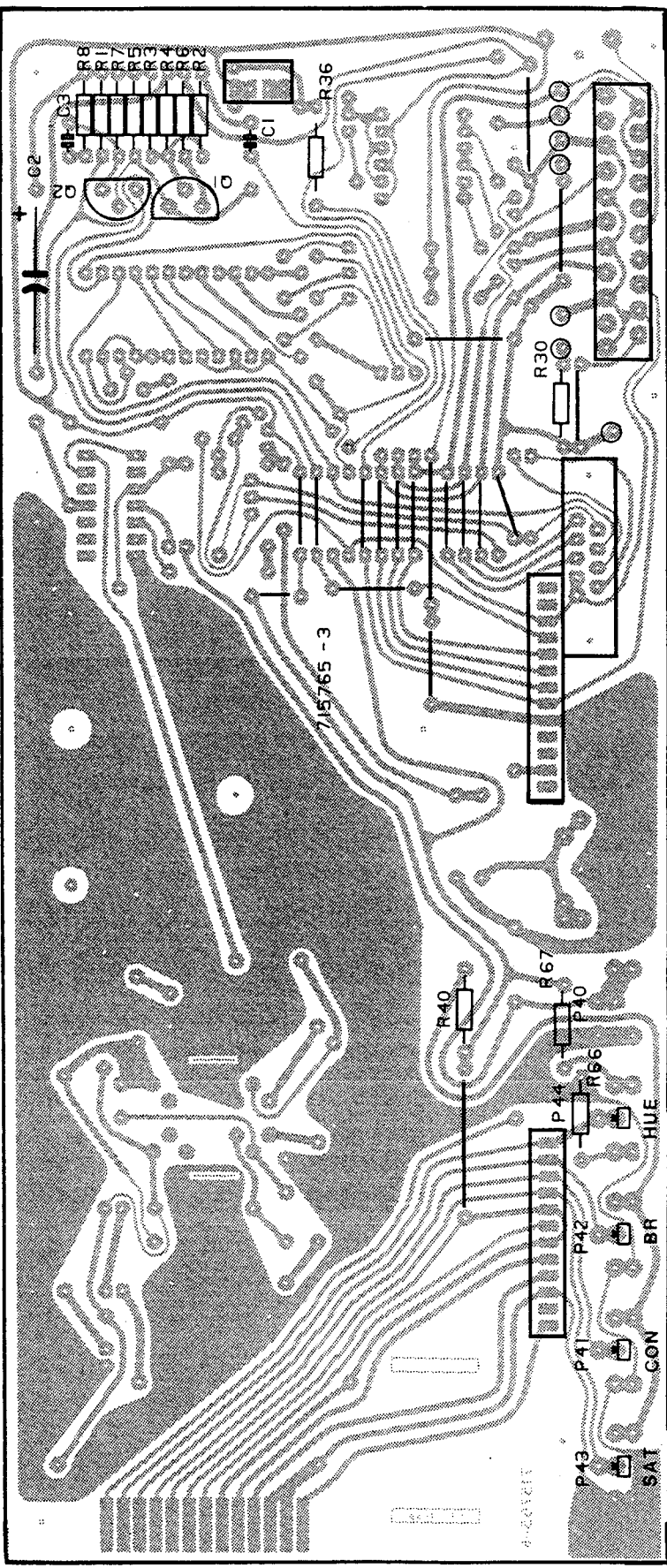
76 1939 : In/Out module + Controls

- * Schematic diagram
- * Adjustment procedure
- * Parts listing

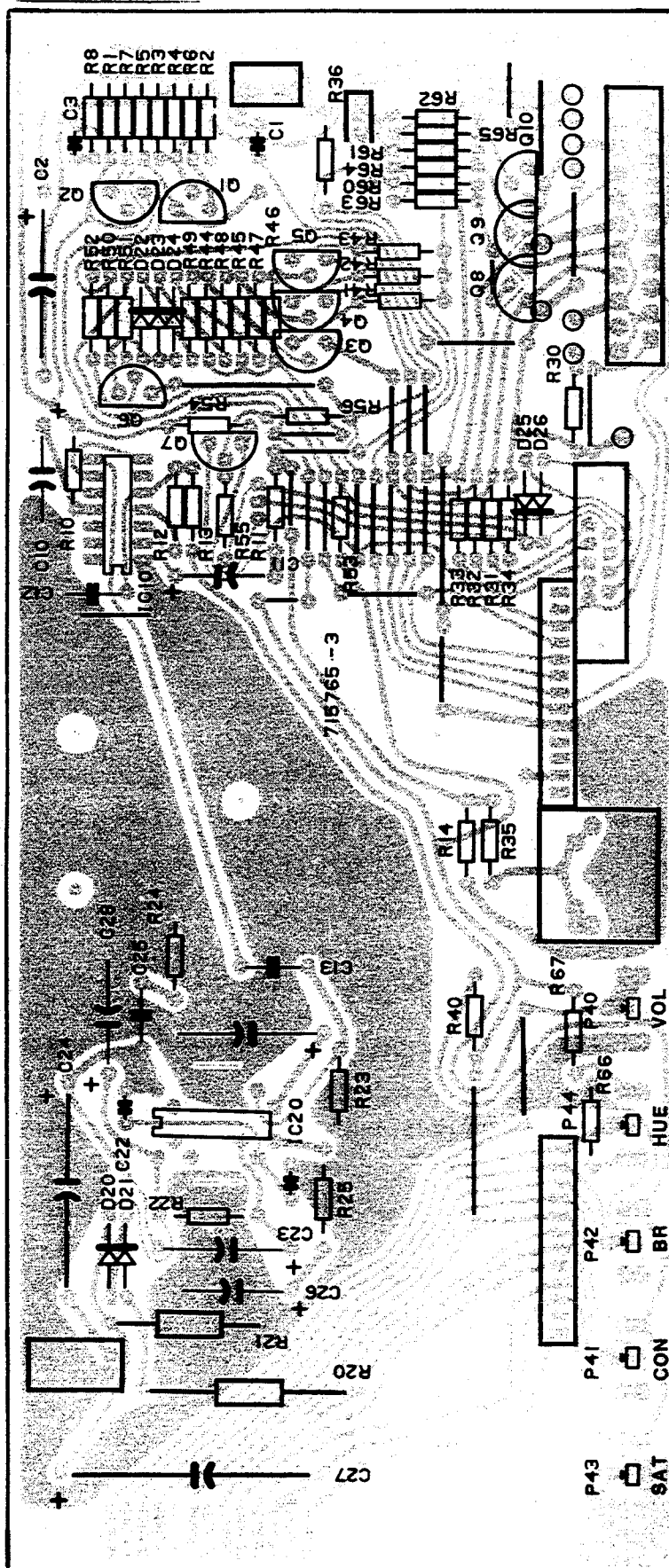
BARCO



Name		Article no.
I/O UNIT & CONTROLS		76 1194
Date	Drawn	Checked
10/10/1991	RIP	RIP
Video & Communications		

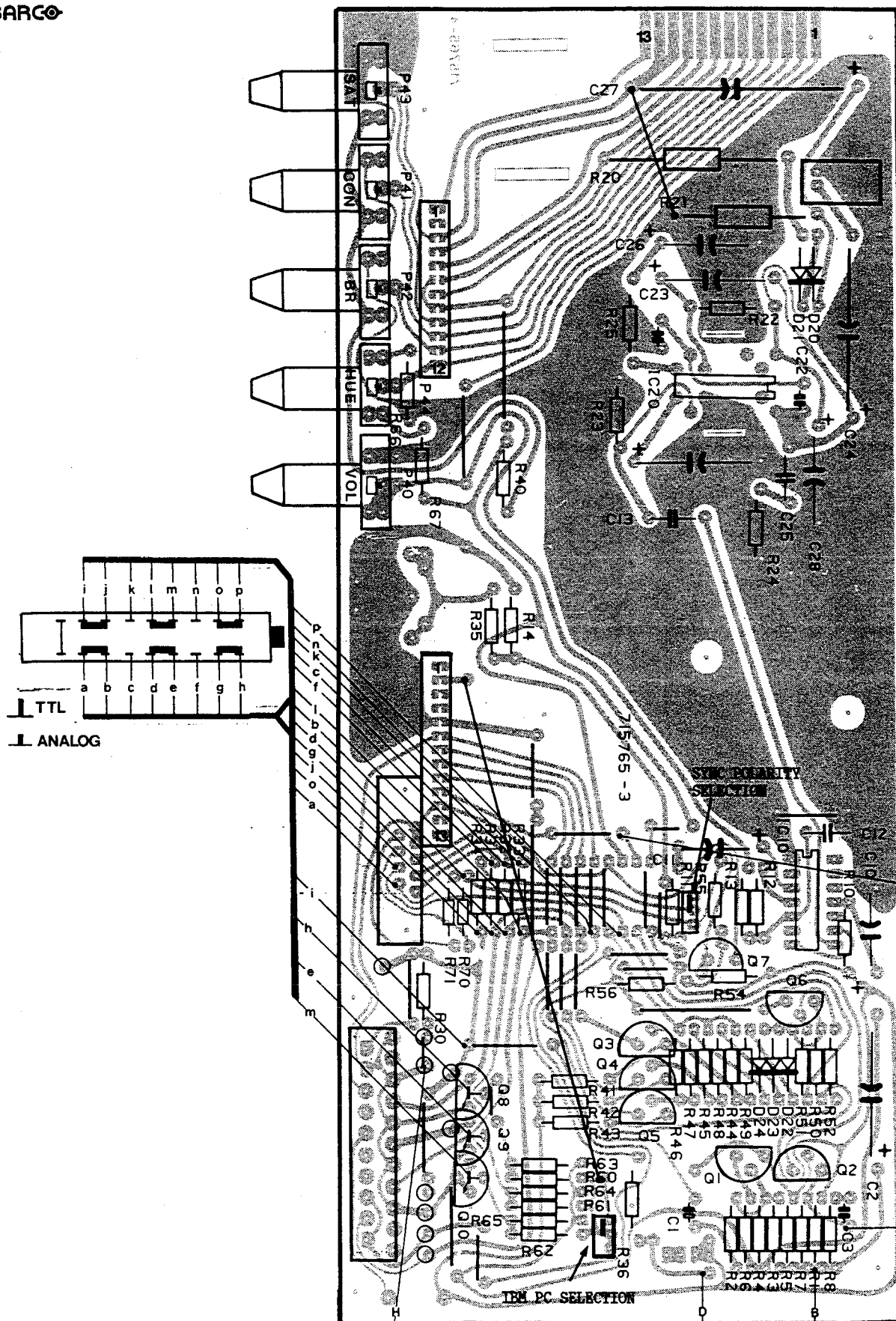


Name I/O UNIT & CONTROLS		Article no. 76 13306
Date 10/10/1991	Drawn RIP	Checked RIP
Video & Communications		



Unit nos.: • 76 1643
• 76 1687

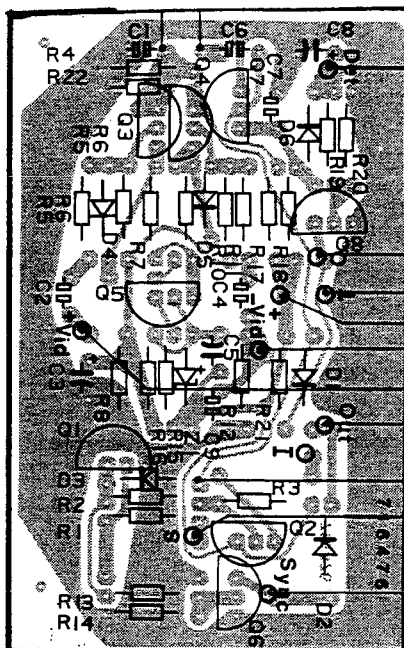
Name I/O UNIT & CONTROLS		Article no.
Date 10/10/1991	Drawn RIP	Checked RIP
Video & Communications		



Unit nos.:

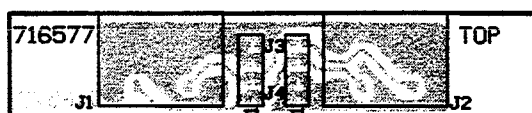
• 76 1939

Name		Article no.
I/O UNIT & CONTROLS		
Date	Drawn	Checked
10/10/1991	RIP	RIP
Video & Communications		



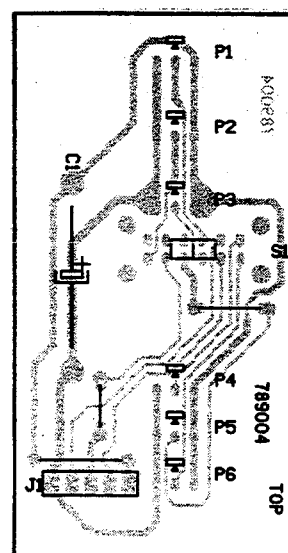
Unit no. 76 1492S is a subunit of I/O unit 76 1939

Name		Article no.
VIDEOWALL INPUT SUBUNIT		76 1492S
Date	Drawn	Checked
10/10/1991	RIP	RIP
Video & Communications		



Unit no. 76 1602S is a subunit of I/O unit 76 1643

Name		Article no.
UNIT SVHS		76 1602S
Date	Drawn	Checked
10/10/1991	RIP	RIP
Video & Communications		

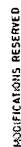


Unit no. 76 1940 is a subunit of I/O unit 76 1939

Name		Article no.
UNIT WHITE SWITCHING		76 1940
Date	Drawn	Checked
10/10/1991	RIP	RIP
Video & Communications		

INPUT/OUTPUT BOARD

76 1194



ITEM NO.	SIT.	DESCRIPTION	ITEM NO.	SIT.	DESCRIPTION
11 1680	C..1	CAPACITOR ELRABI 10M V 40	10 11231	R.30	RESISTOR CF 75E J OW25
11 1190	C..2	CAPACITOR ELAX 100M T 40	10 1129	R.31	RESISTOR CF 270E J OW25
11 22415	C..3	CAPACITOR NPO MI 82P J5 63	10 1129	R.32	RESISTOR CF 270E J OW25
11 1159	C.10	CAPACITOR ELAX 47M T 25	10 1129	R.33	RESISTOR CF 270E J OW25
11 1184	C.11	CAPACITOR ELAX 4M7 Z 40	10 1129	R.34	RESISTOR CF 270E J OW25
11 4100	C.12	CAPACITOR POMEFF 100K K 100	10 1140	R.35	RESISTOR CF 2K2 J OW25
11 4100	C.13	CAPACITOR POMEFF 100K K 100	10 1235	R.36	RESISTOR CF 820E J OW50
11 1147	C.20	CAPACITOR ELAX 100M T 16	10 1144	R.40	RESISTOR CF 4K7 J OW25
11 2835	C.21	CAPACITOR CE DI 6K8 S 400	10 1140	R.41	RESISTOR CF 2K2 J OW25
11 2827	C.22	CAPACITOR CE DI 1K5 S 400	10 1140	R.42	RESISTOR CF 2K2 J OW25
11 1147	C.23	CAPACITOR ELAX 100M T 16	10 1140	R.43	RESISTOR CF 2K2 J OW25
11 1149	C.24	CAPACITOR ELAX 470M T 16	10 1135	R.44	RESISTOR CF 1K J OW25
11 4100	C.25	CAPACITOR POMEFF 100K K 100	10 1136	R.45	RESISTOR CF 1K J OW25
11 1159	C.26	CAPACITOR ELAX 47M T 25	10 1136	R.46	RESISTOR CF 1K J OW25
11 1164	C.27	CAPACITOR ELAX 1000M T 25	10 1136	R.47	RESISTOR CF 1K J OW25
11 11565	C.28	CAPACITOR ELAX 10M Z 25	10 1136	R.48	RESISTOR CF 1K J OW25
11 1532		CAPACITOR ELPRMI 22M M5 35	10 1136	R.49	RESISTOR CF 1K J OW25
11 2743		CAPACITOR CE MI 2K2 K5 63	10 1136	R.50	RESISTOR CF 1K J OW25
			10 1136	R.51	RESISTOR CF 1K J OW25
13 1644	D.20	DIODE 1N4001 RECTIFIER	10 1140	R.52	RESISTOR CF 2K2 J OW25
13 1644	D.21	DIODE 1N4001 RECTIFIER	10 1138	R.54	RESISTOR CF 1K5 J OW25
13 1621	D.22	DIODE 1N4148 SWITCH	10 1148	R.55	RESISTOR CF 10K J OW25
13 1621	D.23	DIODE 1N4148 SWITCH	10 1148	R.56	RESISTOR CF 10K J OW25
13 1621	D.24	DIODE 1N4148 SWITCH	10 1159	R.60	RESISTOR CF 82K J OW25
13 1621	D.25	DIODE 1N4148 SWITCH	10 1159	R.61	RESISTOR CF 82K J OW25
13 1621	D.26	DIODE 1N4148 SWITCH	10 1159	R.62	RESISTOR CF 82K J OW25
			10 1152	R.63	RESISTOR CF 22K J OW25
13 2190	I.10	INTEGRATED CIRCUIT 120U TBA	10 1152	R.64	RESISTOR CF 22K J OW25
13 2744	I.20	INTEGRATED CIRCUIT 810S TBA	10 1152	R.65	RESISTOR CF 22K J OW25
			10 1137	R.66	RESISTOR CF 1K2 J OW25
10 7167	P.40	POTMETER CARV 4K7 M OW20	10 1144	R.67	RESISTOR CF 4K7 J OW25
10 7167	P.41	POTMETER CARV 4K7 M OW20			
10 7167	P.42	POTMETER CARV 4K7 M OW20	31 3575	001.	CONNECTOR EDGE FOBTE P12 2,5
10 7167	P.43	POTMETER CARV 4K7 M OW20	31 3594	0011	CONNECTOR EDGE FOBTE P13 2,5
10 7167	P.44	POTMETER CARV 4K7 M OW20	31 3545	002.	CONNECTOR PERI FOBSE P21
			36 7455	0021	RIVET AL FE TAP/D/BS46 D3,2
71 5765	PC..	PC 40 PAN CONT I/O AC 761330	31 3138	003.	CONNECTOR HONDA FOBTE P 8
			31 3140	004.	CONNECTOR BNC FOCTE P 1 R S
13 14295	Q..1	TRANSISTOR BC549B,	72 1684	0041	ISOLSPACER BNC 40
13 14181	Q..2	TRANSISTOR BC559B,BC309B	72 1685	0042	ISOLSPACER BNC 40
13 14181	Q..3	TRANSISTOR BC559B,BC309B	80 0762	0043	SOLDERLUG SCREW 1TAG D9,8 L24
13 14181	Q..4	TRANSISTOR BC559B,BC309B	31 3111	005.	CONNECTOR AUDIO FOBSE P 5 45
13 14181	Q..5	TRANSISTOR BC559B,BC309B	32 4158	006.	SWITCH SLIDE 2U PC FIX PC
13 1491	Q..6	TRANSISTOR BSX20,2N2369	80 0212	007.	PANEL CSB I/O DCD2740
13 1491	Q..7	TRANSISTOR BSX20,2N2369	31 3547	008.	CONNECTOR MT MOBSE P 2 2,5
13 1491	Q..8	TRANSISTOR BSX20,2N2369	72 1696	0101	ISOL SWITCH CS40
13 1491	Q..9	TRANSISTOR BSX20,2N2369	36 3602	0102	SCREW DIN7981 2,9X 9,5 MP+C
13 1491	Q.10	TRANSISTOR BSX20,2N2369	72 1795	0103	KNOB PUSH RED DCD2740
			72 1834	0104	KNOB CENTER DCD2740
10 11249	R..1	RESISTOR CFFUL 100E J OW25	36 3511	0105	SCREW DIN7971 2,2X 9,5 MP-C
10 1124	R..2	RESISTOR CF 100E J OW25	36 3510	0106	SCREW DIN7971 2,2X 6,5 MP-C
10 1164	R..3	RESISTOR CF 220K J OW25	34 20091	011.	WIRE TIE FIX 5 TM2
10 1156	R..4	RESISTOR CF 47K J OW25	36 7454	0111	RIVET AL FE TAP/D/BS44 D3,2
10 1136	R..5	RESISTOR CF 1K J OW25	34 8019	0112	WIRE TIE L100
10 1132	R..6	RESISTOR CF 470E J OW25	31 35011	012.	CONNECTOR DE09 FOBSE P 9
10 1126	R..7	RESISTOR CF 150E J OW25	80 0893	0121	CONNECTOR D SCREWLOCK
10 1122	R..8	RESISTOR CF 68E J OW25	36 7435	0122	RIVET AL AL AD34ABS D2,4
10 11309	R.10	RESISTOR CFFUL 330E J OW25	32 4127	013.	SWITCH SLIDE 4A
10 1147	R.11	RESISTOR CF 8K2 J OW25	31 31021	014.	CONNECTOR CINCH FOBTE P 1
10 1140	R.12	RESISTOR CF 2K2 J OW25	31 3251	015.	CONNECTOR PIN MOBTE DO,8WIRE
10 1144	R.13	RESISTOR CF 4K7 J OW25	31 3276	0151	CONNECTOR WAFER MOBTE P10 2,5
10 1138	R.14	RESISTOR CF 1K5 J OW25	31 33921	0151	CONNECTOR JUMP F TE P 2 2,5
10 3620	R.20	RESISTOR WW H 4E7 K 4W	42 0734	020.	KNOB TURN BLACK
10 1335	R.21	RESISTOR CF 820E J 1W	72 1784	0201	KNOB TURN AXE 10,25MM
10 1224	R.22	RESISTOR CF 100E J OW50	34 81082	8108	JUMPER INSULATED M 22,5 MM
10 1160	R.23	RESISTOR CF 100K J OW25			
10 1100	R.24	RESISTOR CF 1E J OW25	31 3366		CONNECTOR CIS MOBSE P 1 REEL
10 1127	R.25	RESISTOR CF 180E J OW25	71 6510		PC 40 PAN SUB 761194

Picture not available at time of printing.

Input/Output SCM 2840 CVS

76 13306

SIT.	ITEM NO.	DESCRIPTION
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PC..	71 5765	PC 40 PAN CONT I/O AC 761330
	76 1330A	UN.PAN CONT I/O DCD2240AC
	76 13306D	UN.PAN CONT I/O SCM2840 CVS
C..1	11 1680	CAP ELRABI 10M V 40
C..2	11 1190	CAP ELAX 100M T 40
C..3	11 22415	CAP NPO MI 82P J5 63
P.41	10 7167	POTMETER CARV 4K7 M 0W20
P.42	10 7167	POTMETER CARV 4K7 M 0W20
P.43	10 7167	POTMETER CARV 4K7 M 0W20
P.44	10 7167	POTMETER CARV 4K7 M 0W20
Q..1	13 14295	TSTR BC549B,
Q..2	13 14181	TSTR BC559B,BC309B
R..1	10 11249	RES CFFUL 100E J 0W25
R..2	10 1124	RES CF 100E J 0W25
R..3	10 1164	RES CF 220K J 0W25
R..4	10 1156	RES CF 47K J 0W25
R..5	10 1136	RES CF 1K J 0W25
R..6	10 1132	RES CF 470E J 0W25
R..7	10 1128	RES CF 220E J 0W25
R..8	10 1122	RES CF 68E J 0W25
R.30	10 11231	RES CF 75E J 0W25
R.36	10 1235	RES CF 820E J 0W50
R.40	10 1143	RES CF 3K9 J 0W25
R.66	10 1137	RES CF 1K2 J 0W25
R.67	10 1144	RES CF 4K7 J 0W25
001.	31 3575	CONN EDGE FBT P12 2,5
0011	31 3594	CONN EDGE FBT P13 2,5
002.	31 3545	CONN PERI FBS P21
0021	36 7455	RIVET AL FE TAP/D/BS46 D3,2
004.	31 3140	CONN BNC FCT P 1 50E R S
0041	72 1684	CONN BNC ISOL SPACER
0042	72 1685	ISOLSPACER BNC 40
0043	80 0762	SOLDERLUG SCREW 1TAG D9,8 L24
006.	32 4175	SWITCH SLIDE 2U TAGS FIX 19MM
0061	36 2101	SCREW DIN7985 M 2 X 4 MP+
007.	80 2117	DPL CSB SCM2840 CVS I/O
0112	34 8019	WIRE TIE L100
013.	32 4127	SWITCH SLIDE 4A
021.	31 30973	CONN MAINS MCT A 3 PMF
0211	36 1914	SCREW DIN965 M 3 X10 MC+
0212	36 7502	WASHER DIN6798 A 3,2
0213	36 6102	NUT DIN934 M 3 HEXAGONAL
022.	31 35011	CONN DE09 FBS P 9

0220	36	7435	RIVET AL AL AD34ABS	D2,4
0221	80	0893X	CONN D	SCREWLOCK L11
0222	36	7502	WASHER DIN6798 A	3,2
0223	36	6102	NUT DIN934 M 3	HEXAGONAL
0232	36	3602	SCREW DIN7981	2,9X 9,5 MP+C
0233	72	1795	KNOB PUSH RED	DCD2740
0234	72	1834	KNOB CENTER	DCD2740
0235	36	3511	SCREW DIN7971	2,2X 9,5 MP-C
8100	34	8100	JUMPER 0,6	M AUTOMAT
8100	34	8100	JUMPER 0,6	M AUTOMAT

Remark: For these adjustments a colour analyser is needed.

1. Brightness and contrast adjustment

Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42) to get 2 nit light output.

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

2. Colour temperature adjustment

The colour temperature adjustment has to be done by means of the gain potmeters on the decoder board.

- Set the contrast potentiometer in its maximum position.
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the gain potentiometers P4 (red), P2 (green) and P3 (blue) on the decoder board for a voltage of R=5,6V, G=6,5V and B=7,9V) on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the two other presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor
- Set up the gain potentiometers P4 (red), P2 (green) and P3 (blue) on the decoder board to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct adjustment is obtained.

INPUT PCM

76 1643

INPUT PCM

76 1643

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
	76 1602S	UN I/O MN 40 OCM28 SVHS SUB	R.20	10 37128	R WWFH 4E7 J 1W5
C..1	11 1680	C ELRABI 10M V 40	R.21	10 1335	R CF 820E J 1W
C..2	11 1190	C ELAX 100M T 40	R.22	10 1224	R CF 100E J 0W5
C..3	11 22415	C NPO MI 82P J5 63	R.23	10 1160	R CF 100K J 0W25
C.10	11 1159	C ELAX 47M T 25	R.24	10 1100	R CF 1E J 0W25
C.11	11 1184	C ELAX 4M7 Z 40	R.25	10 1127	R CF 180E J 0W25
C.12	11 4100	C POMEFF 100K K 100	R.30	10 11231	R CF 75E J 0W25
C.13	11 4100	C POMEFF 100K K 100	R.35	10 1140	R CF 2K2 J 0W25
C.20	11 1147	C ELAX 100M T 16	R.36	10 1135	R CF 820E J 0W25
C.21	11 2835	C CE DI 6K8 S 400	R.40	10 1144	R CF 4K7 J 0W25
C.22	11 2827	C CE DI 1K5 S 400	R.66	10 1137	R CF 1K2 J 0W25
C.23	11 1147	C ELAX 100M T 16	R.67	10 1144	R CF 4K7 J 0W25
C.24	11 1149	C ELAX 470M T 16	R.70	10 1117	R CF 27E J 0W25
C.25	11 4100	C POMEFF 100K K 100	R.71	10 1120	R CF 47E J 0W25
C.26	11 1159	C ELAX 47M T 25		76 1643D	UN INF MN 40 PCM21 SVHS
C.27	11 1164	C ELAX 1000M T 25	001.	31 3575	J EDGE FBT P12 2,5
C.28	11 11565	C ELAX 10M Z 25	001.	31 38545	J M-DIN MCT P 7 TAGS SVHS
C.29	11 1532	C ELPRMI 22M M5 35	002.	31 3545	J PERI FBS P21
C.30	11 2743	C CE MI 2K2 K5 63	003.	31 3138	J HONDA FBT P 8
D.20	13 1644	D 1N4001 50V/1A	004.	31 3140	J BNC FCT P 1 50E SHORT
D.21	13 1644	D 1N4001 50V/1A	006.	32 4175	SWITCH SLIDE 2U T T MFS KNITT
I.10	13 2190	U 120V TBA FM IF AMP DEMOD	008.	31 3547	J MT MBS P 2 2,5 BLA
I.20	13 2744	U 810S TBA 7W AUD AMP	0011	31 3594	J EDGE FBT P13 2,5
PC..	71 57655	PCB MN 40 P_CTRL I/O AC SLOTT	014.	31 31022	J CINCH FBT P 1 TAG
Q..1	13 14295	Q BC549B N 30 / 0A1	0021	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
Q..2	13 14181	Q BC559B P 30 / 0A1	021.	31 3132	J XLR MCT P 3 AUD
R..1	10 11249	R CFF 100E J 0W25	022.	36 2101	SCREW DIN7985 M 2 X 4 MP+
R..2	10 1124	R CF 100E J 0W25	025.	31 30973	J MAINS MCT A 3 PMF
R..3	10 1164	R CF 220K J 0W25	0041	72 1684	J BNC SPACER F BLA 03
R..4	10 1156	R CF 47K J 0W25	0042	72 1685	J BNC SPACER R BLA 01
R..5	10 1136	R CF 1K J 0W25	0043	80 0762	SOLDERLUG SCREW 1TAG D9,8 L24
R..6	10 1132	R CF 470E J 0W25	0061	36 2101	SCREW DIN7985 M 2 X 4 MP+
R..7	10 1126	R CF 150E J 0W25	0112	34 8019	WIRE TIE L100
R..8	10 1122	R CF 68E J 0W25	0210	31 31321	J XLR FCT P 3 AUD
R.10	10 11309	R CFF 330E J 0W25	0211	36 7454	RIVET P AL FE TAP/D/BS44 D3,2
R.11	10 1147	R CF 8K2 J 0W25	0251	36 19145	SCREW DIN965 M 3 X10 MC+
R.12	10 1140	R CF 2K2 J 0W25	0252	36 7502	WASHER DIN6798 A 3,2
R.13	10 1144	R CF 4K7 J 0W25	0253	36 6102	NUT DIN934 M 3 HEXAGON
R.14	10 1138	R CF 1K5 J 0W25	8100	34 8100	WIRE JUMPER 0,6 M AUTOM
			8108	34 81082	WIRE JUMPER ISO M 22,5
				34 4031	UN WIRE MN 40 PCM21
				80 4053	NPL MN 40 PCM21/28 I/O

SUBUNIT SVHS

76 1602S

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
PC..	71 6577	PCB TV 40 PAN CONT SUB 761602S	001.	31 3851	J M-DIN FBS P 4 SVHS
	76 1602SD	UN I/O MN 40 OCM28 SVHS SUB	003.	80 2376	FIX MN 40 OCM28 PC SVHS CSB
			0031	36 7434	RIVET P AL AL AD32ABS D2,4

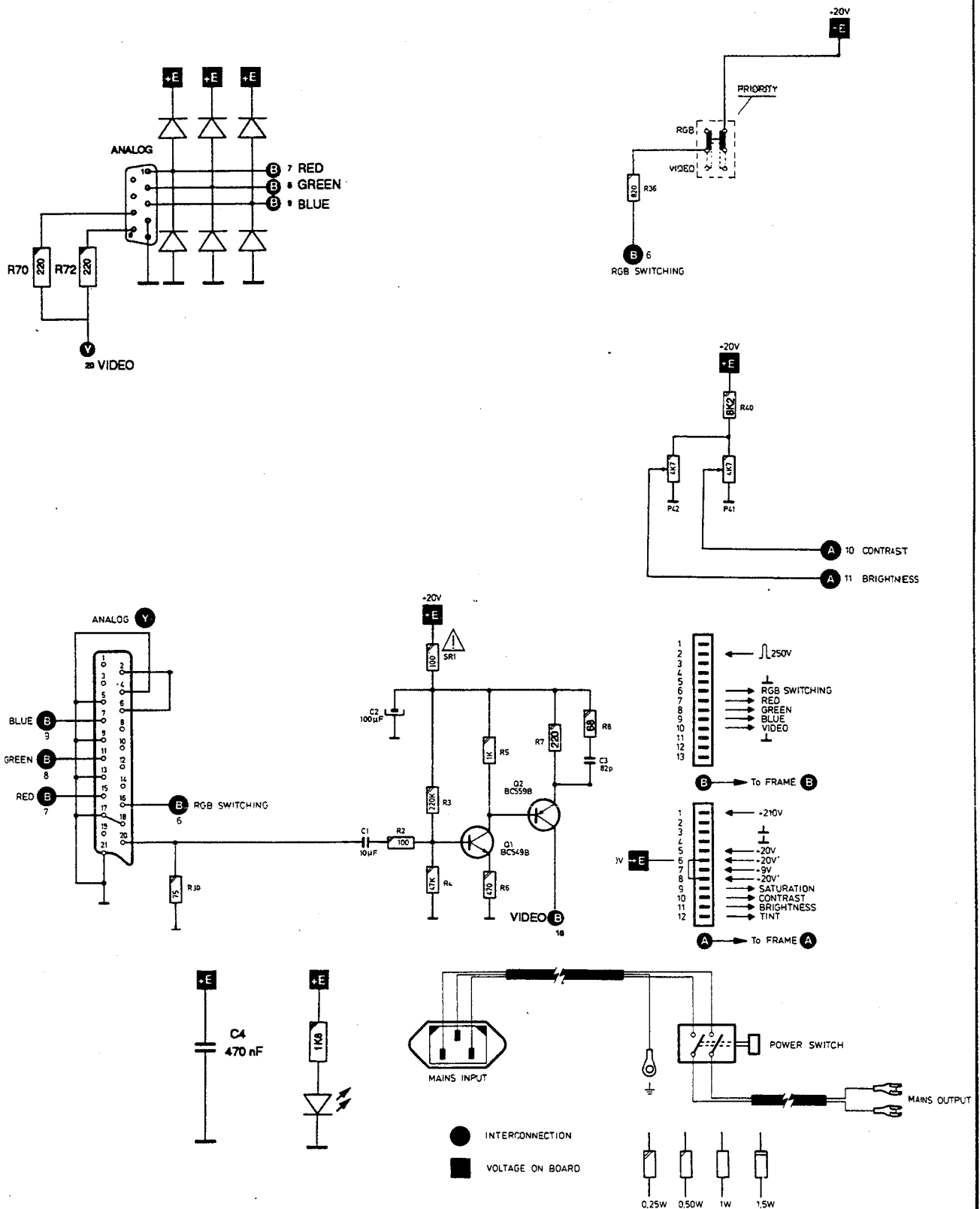
I/O SCM 2840 RGB

76 1687

PRODUCT SAFETY NOTICE

COMPONENTS MARKED WITH Δ OR * HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY BEFORE REPLACING ANY OF THESE COMPONENTS, READ CAREFULLY THE SERVICE SAFETY PRECAUTIONS.

DO NOT DEGRADE THE SAFETY OF THIS SET THROUGH IMPROPER SERVICING.



Remark: For these adjustments a colour analyser is needed.

1. Brightness and contrast adjustment

Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42) to get 2 nit light output.

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

2. Colour temperature adjustment

The colour temperature adjustment has to be done by means of the gain potentiometers on the decoder board.

- Set the contrast potentiometer in its maximum position.
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the gain potentiometers P4 (red), P2 (green) and P3 (blue) on the RGB decoder board for a voltage of R=5,6V, G=6,5V and B=7,9V on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the two other presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor
- Set up the gain potentiometers P4 (red), P2 (green) and P3 (blue) on the RGB decoder board to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct adjustment is obtained.

I/O SCM 2840 RGB

76 1687

SIT.	ITEM NUMBER	DESCRIPTION
C..1	11 1680	C ELRABI 10M V 40
C..2	11 1190	C ELAX 100M T 40
C..3	11 22415	C NPO MI 82P J5 63
C..4	11 3732	C PQEFF 470K K5 63
D..1	13 1621	D 1N4148 SWITCH
D..2	13 1621	D 1N4148 SWITCH
D..3	13 1621	D 1N4148 SWITCH
D..4	13 1621	D 1N4148 SWITCH
D..5	13 1621	D 1N4148 SWITCH
D..6	13 1621	D 1N4148 SWITCH
P.41	10 7167	R P CARVM 4K7 MA 0W2 500
P.42	10 7167	R P CARVM 4K7 MA 0W2 500
PC..	71 5765	PCB MN 40 P_CTRL I/O AC 761330
Q..1	13 14295	Q BC549B N 30 / 0A1
Q..2	13 14181	Q BC559B P 30 / 0A1
R..1	10 11249	R CFF 100E J 0W25
R..2	10 1124	R CF 100E J 0W25
R..3	10 1164	R CF 220K J 0W25
R..4	10 1156	R CF 47K J 0W25
R..5	10 1136	R CF 1K J 0W25
R..6	10 1132	R CF 470E J 0W25
R..7	10 1128	R CF 220E J 0W25
R..8	10 1122	R CF 68E J 0W25
R.30	10 11231	R CF 75E J 0W25
R.36	10 1235	R CF 820E J 0W5
R.40	10 1147	R CF 8K2 J 0W25
R.70	10 1129	R CF 270E J 0W25
R.72	10 1129	R CF 270E J 0W25
	76 1687D	UN I/O MN 40 SCM28 RGB MK2
001.	31 3575	J EDGE FBT P12 2,5
0011	31 3594	J EDGE FBT P13 2,5
002.	31 3545	J PERI FBS P21
0021	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
003.	31 30973	J MAINS MCT A 3 PMF
0031	36 1914	SCREW DIN965 M 3 X10 MC+
0032	36 7502	WASHER DIN6798 A 3,2
0033	36 6102	NUT DIN934 M 3 HEXAGON
005.	32 4715	SWITCH F 2A MAINS
0051	72 1696	ISOL TV 40 SWITCH CS40
0052	36 3602	SCREW DIN7981 2,9X 9,5 MP+C
0053	72 1795	KNOB PUSH RED DCD2740
0054	72 1834	KNOB TURN CENTER DCD2740
0055	36 3511	SCREW DIN7971 2,2X 9,5 MP-C
0056	36 3510	SCREW DIN7971 2,2X 6,5 MP-C
007.	80 2841	DPL MN 40 SCM28 RGB MK2
008.	31 35011	J DE09 FBS P 9
0081	36 7502	WASHER DIN6798 A 3,2
0082	36 7435	RIVET P AL AL AD34ABS D2,4
0083	80 0893X	J D LOCK SCR M 3
0084	36 7502	WASHER DIN6798 A 3,2
0085	36 61026	NUT DIN934 M 3 HEXAGON
009.	13 1649	D LED D5 HOLDER
0091	13 1664	D LED D5 RED
0092	10 1139	R CF 1K8 J 0W25
8100	34 8100	WIRE JUMPER 0,6 M AUTOM
8100	34 8100	WIRE JUMPER 0,6 M AUTOM

I/O BOARD

76 1939

Remark: For these adjustments a colour analyser is needed.

1. Brightness and contrast adjustment

Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42) to get 2 nit light output.

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

2. Colour temperature adjustment

The colour temperature adjustment has to be done by means of six multiturn potmeters. The multiturns for red, green and blue under the colour temperature switch are selected for 8000 K, the ones above this switch for 3200 K. Putting the switch to the right will make the monitor choose the 8000 K colour temperature, putting the switch to the left will select the 3200°K colour temperature.

- Set the contrast potentiometer in its maximum position.
- Put the colour temperature switch in the right position (8000K).
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the multiturns for red (P1), green (P2) and blue (P3) on the I/O board for a voltage of R=5,6V, G=6,5V and B=7,9V on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the two other presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor.
- Set up the multiturns for red (P1), green (P2) and blue (P3) on the I/O board to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct adjustment is obtained.

- Put the colour temperature switch in the left position (3200K).
- Connect a 1Vpp 100% white video signal to the monitor
- Preadjust the multiturns for red (P4), green (P5) and blue (P6) on the I/O board for a voltage of R=7,5V, G=4,7V and B=0,6V.
- Set up the multiturns for red (P4), green (P5) and blue (P6) on the I/O board to get a light output of 250 nit with a colour temperature of 3200K.

I/O BOARD

76 1939

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
	76 1492S	UN I/O MN 40 SCM28 VIDEO-WALL	R.54	10 1138	R CF 1K5 J OW25
	76 1940	UN SW WH MN 40 SCM CTRL6	R.55	10 1148	R CF 10K J OW25
C..1	11 1680	C ELRABI 10M V 40	R.56	10 1148	R CF 10K J OW25
C..2	11 1190	C ELAX 100M T 40	R.60	10 1159	R CF 82K J OW25
C..3	11 22415	C NPO MI 82P J5 63	R.61	10 1159	R CF 82K J OW25
C.10	11 1159	C ELAX 47M T 25	R.62	10 1159	R CF 22K J OW25
C.11	11 1184	C ELAX 4M7 Z 40	R.63	10 1152	R CF 22K J OW25
C.12	11 4100	C POMEFF 100K K 100	R.64	10 1152	R CF 22K J OW25
C.13	11 4100	C POMEFF 100K K 100	R.65	10 1152	R CF 22K J OW25
C.20	11 1147	C ELAX 100M T 16	R.66	10 1137	R CF 1K2 J OW25
C.21	11 2835	C CE DI 6K8 S 400	R.67	10 1144	R CF 4K7 J OW25
C.22	11 2827	C CE DI 1K5 S 400		10 1129	R CF 270E J OW25
C.23	11 1147	C ELAX 100M T 16		10 1129	R CF 270E J OW25
C.24	11 1149	C ELAX 470M T 16		10 1139	R CF 1K8 J OW25
C.25	11 4100	C POMEFF 100K K 100		10 11231	R CF 75E J OW25
C.26	11 1159	C ELAX 47M T 25			
C.27	11 1164	C ELAX 1000M T 25	76 1687D		UN I/O MN 40 SCM28 RGB MK2
C.28	11 11565	C ELAX 10M Z 25	76 1939D		UN I/O MN 40 RGB ANA VID
	11 1532	C ELPRMI 22M M5 35			
	11 2743	C CE MI 2K2 K5 63	001.	31 3575	J EDGE FBT P12 2,5
D.20	13 1644	D IN4001 50V/1A	0011	31 3594	J EDGE FBT P13 2,5
D.21	13 1644	D IN4001 50V/1A	002.	31 3545	J PERI FBS P21
D.22	13 1621	D IN4148 SWITCH	0021	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
D.23	13 1621	D IN4148 SWITCH	003.	13 1649	D LED D5 HOLDER
D.24	13 1621	D IN4148 SWITCH	0031	13 1664	D LED D5 RED
I.10	13 2190	U 120V TBA FM IF AMP DEMOD	004.	31 3140	J BNC FCT P 1 50E SHORT
I.20	13 2744	U 810S TBA 7W AUD AMP	0041	72 1684	J BNC SPACER F BLA 03
P.40	10 7167	R P CARVM 4K7 MA OW2 500	0042	72 1685	J BNC SPACER R BLA 01
P.41	10 7167	R P CARVM 4K7 MA OW2 500	0043	80 0762	SOLDERLUG SCREW 1TAG D9,8 L24
P.42	10 7167	R P CARVM 4K7 MA OW2 500	006.	32 4175	SWITCH SLIDE 2U T T MFS KNITT
P.43	10 7167	R P CARVM 4K7 MA OW2 500	0061	36 2101	SCREW DIN7985 M 2 X 4 MP+
P.44	10 7167	R P CARVM 4K7 MA OW2 500	007.	80 2123	DPL MN 40 CSB SCM28 HEUVELMAN
PC..	71 5765	PCB MN 40 P_CTRL I/O AC 761330	008.	31 3547	J MT MBS P 2 2,5 BLA
Q..1	13 14295	Q BC549B N 30 / OA1	0100	32 4715	SWITCH F 2A MAINS
Q..2	13 14181	Q BC559B P 30 / OA1	0101	72 1696	ISOL TV 40 SWITCH CS40
Q..3	13 14181	Q BC559B P 30 / OA1	0102	36 3602	SCREW DIN7981 2,9X 9,5 MP+C
Q..4	13 14181	Q BC559B P 30 / OA1	0103	72 1795	KNOB PUSH RED DCD2740
Q..5	13 14181	Q BC559B P 30 / OA1	0104	72 1834	KNOB TURN CENTER DCD2740
Q..6	13 1491	Q BSX20,2369 N 15 / OA2	0105	36 3511	SCREW DIN7971 2,2X 9,5 MP-C
Q..7	13 1491	Q BSX20,2369 N 15 / OA2	0106	36 3510	SCREW DIN7971 2,2X 6,5 MP-C
Q..8	13 1491	Q BSX20,2369 N 15 / OA2	0112	34 8019	WIRE TIE L100
Q..9	13 1491	Q BSX20,2369 N 15 / OA2	012.	31 35011	J DE09 FBS P 9
Q..10	13 1491	Q BSX20,2369 N 15 / OA2	0121	80 0893X	J D LOCK SCR M 3
R..1	10 11249	R CFF 100E J OW25	0122	36 7435	RIVET P AL AL AD34ABS D2,4
R..2	10 1124	R CF 100E J OW25	014.	31 31321	J XLR FCT P 3 AUD
R..3	10 1164	R CF 220K J OW25	0140	31 3132	J XLR MCT P 3 AUD
R..4	10 1156	R CF 47K J OW25	0141	36 19145	SCREW DIN965 M 3 X10 MC+
R..5	10 1136	R CF 1K J OW25	0142	36 7502	WASHER DIN6798 A 3,2
R..6	10 1132	R CF 470E J OW25	015.	31 3251	J PIN MBT D 0,8
R..7	10 1126	R CF 150E J OW25	020.	72 2065	KNOB TRIMPOT RECTANGULAR OCM
R..8	10 1122	R CF 68E J OW25	021.	80 1412	SPACER L 8 H 5,5 M3 MS
R.10	10 11309	R CFF 330E J OW25	022.	32 47841	SWITCH F 6U
R.11	10 1147	R CF 8K2 J OW25	023.	36 2121	SCREW DIN7985 M 3 X 6 MP+
R.12	10 1140	R CF 2K2 J OW25	024.	31 30973	J MAINS MCT A 3 PMF
R.13	10 1144	R CF 4K7 J OW25	0143	36 6102	NUT DIN934 M 3 HEXAGON
R.14	10 1138	R CF 1K5 J OW25	0151	31 3276	J WAFER MBT P10 2,5
R.20	10 37128	R WWH 4E7 J 1W5	0151	31 33921	J JUMP FMT P 2 2,5
R.21	10 1335	R CF 820E J 1W	0211	36 2020	SCREW DIN84 M 3 X 4 MP-
R.22	10 1224	R CF 100E J OW5	0222	80 0287	KNOB PUSH D BLA FST70
R.23	10 1160	R CF 100K J OW25	0223	36 20121	SPACER L13,5 D 5 M2,5 MS
R.24	10 1100	R CF 1E J OW25	0241	36 1914	SCREW DIN84 M 2,5X 6 MP-
R.25	10 1127	R CF 180E J OW25	0242	36 7502	SCREW DIN965 M 3 X10 MC+
R.30	10 11231	R CF 75E J OW25	0243	36 6102	WASHER DIN6798 A 3,2
R.31	10 1129	R CF 270E J OW25	8100	34 8100	NUT DIN934 M 3 HEXAGON
R.32	10 1129	R CF 270E J OW25		31 3336	WIRE JUMPER 0,6 M AUTOM
R.33	10 1129	R CF 270E J OW25		71 23023	SPACER L 5,3 PCB
R.34	10 1129	R CF 270E J OW25		72 1696	WASHER DIA 3,25X 7 T0,5 BAK
R.35	10 1140	R CF 2K2 J OW25			ISOL TV 40 SWITCH CS40
R.36	10 1235	R CF 820E J OW5			
R.40	10 1144	R CF 4K7 J OW25			
R.41	10 1140	R CF 2K2 J OW25			
R.42	10 1140	R CF 2K2 J OW25			
R.43	10 1140	R CF 2K2 J OW25			
R.44	10 1136	R CF 1K J OW25			
R.45	10 1136	R CF 1K J OW25			
R.46	10 1136	R CF 1K J OW25			
R.47	10 1136	R CF 1K J OW25			
R.48	10 1136	R CF 1K J OW25			
R.49	10 1136	R CF 1K J OW25			
R.50	10 1136	R CF 1K J OW25			
R.51	10 1136	R CF 1K J OW25			
R.52	10 1140	R CF 2K2 J OW25			

SUBUNIT

76 1492S

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C..2	11 1680	C ELRABI 10M V 40	R..2	10 1140	R CF 2K2 J 0W25
C..4	11 1680	C ELRABI 10M V 40	R..3	10 1136	R CF 1K J 0W25
C..5	11 1531	C ELPRMI 10M M5 35	R..4	10 1126	R CF 150E J 0W25
C..9	11 3724	C POMEFF 100K K5 63	R..5	10 1125	R CF 120E J 0W25
C..1	11 2368	C N750MI 330P J5 63	R..6	10 1155	R CF 39K J 0W25
C..3	11 1510	C ELPRMI 22M M5 25	R..7	10 1119	R CF 39E J 0W25
C..6	11 3728	C POMEFF 220K K5 63	R..8	10 1146	R CF 6K8 J 0W25
C..7	11 37121	C POMEFF 10K K5 100	R..9	10 1119	R CF 39E J 0W25
C..8	11 1548	C ELPRMI 2M2 M5 50	R.10	10 1155	R CF 39K J 0W25
D..1	13 1621	D 1N4148 SWITCH	R.11	10 1125	R CF 120E J 0W25
D..2	13 1621	D 1N4148 SWITCH	R.12	10 1140	R CF 2K2 J 0W25
D..3	13 1621	D 1N4148 SWITCH	R.13	10 1152	R CF 22K J 0W25
D..4	13 1621	D 1N4148 SWITCH	R.14	10 1144	R CF 4K7 J 0W25
D..5	13 1621	D 1N4148 SWITCH	R.15	10 1124	R CF 100E J 0W25
D..6	13 1621	D 1N4148 SWITCH	R.16	10 1146	R CF 6K8 J 0W25
PC..	71 6476	PCB MN EM I CTRL I/O 761492S	R.17	10 1166	R CF 330K J 0W25
Q..1	13 14295	Q BC549B N 30 / 0A1	R.18	10 1146	R CF 6K8 J 0W25
Q..2	13 14181	Q BC559B P 30 / 0A1	R.19	10 1152	R CF 22K J 0W25
Q..3	13 14181	Q BC559B P 30 / 0A1	R.20	10 1144	R CF 4K7 J 0W25
Q..4	13 14181	Q BC559B P 30 / 0A1	R.21	10 1140	R CF 2K2 J 0W25
Q..5	13 14181	Q BC559B P 30 / 0A1	R.22	10 1130	R CF 330E J 0W25
Q..6	13 14295	Q BC549B N 30 / 0A1	2..1	13 1757	D ZENER 3V9 0W5 C
Q..7	13 14295	Q BC549B N 30 / 0A1	76 1492SD		UN I/O MN 40 SCH28 VIDEO-WALL
Q..8	13 14295	Q BC549B N 30 / 0A1	31 3336		SPACER L 5,3 PCB
R..1	10 1152	R CF 22K J 0W25			

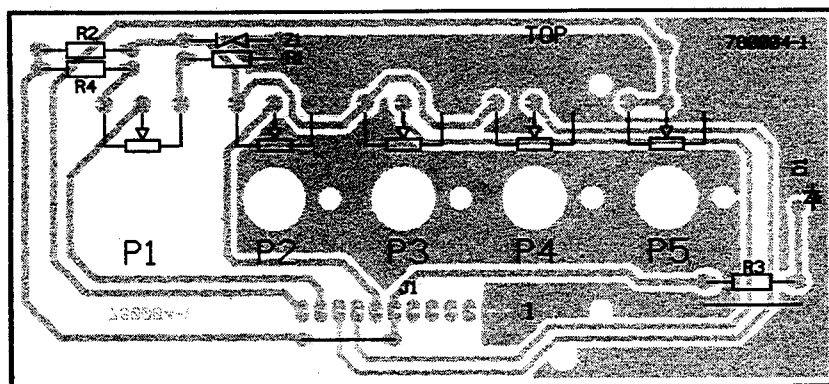
UNIT SWITCH

76 1940

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C..1	11 1159	C ELAX 47M T 25	PC..	78 9004	PC MN 40 SW WHITE CTRL6 SCM
P..1	10 75272	R M CEMV T 10K K 0W5		76 1482D	UN SWITCH TV 40 WHITE
P..2	10 75272	R M CEMV T 10K K 0W5	001.	71 4943	SPACER RIV L10,75D 7 M3 AL
P..3	10 75272	R M CEMV T 10K K 0W5	002.	32 4197	SWITCH SLIDE 4U
P..4	10 75272	R M CEMV T 10K K 0W5		34 8006	WIRE TIE L140
P..5	10 75272	R M CEMV T 10K K 0W5			
P..6	10 75272	R M CEMV T 10K K 0W5			

CSB PCM 2140

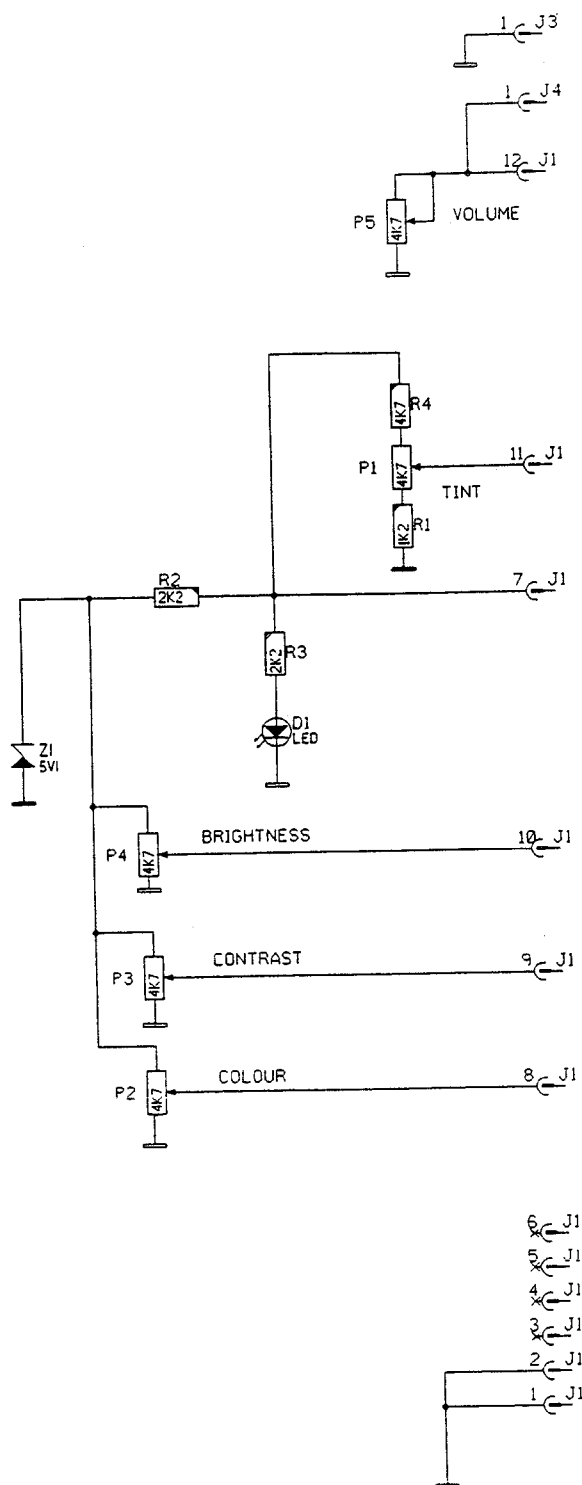
79 1649
79 1900



Unit nos.:

- 79 1649
- 79 1900

Name		Article no.
CONTROL & SWITCH BOARD		
Date	Drawn	Checked
10/10/1991	RIP	RIP
Video & Communications		



Name CONTROLS & SWITCHES		Article nr. 79 1649/79 1988
Date 13/06/91	Drawn ldwa	checked ----
VIDEO & COMMUNICATIONS		

CSB PCM 2140

79 1649

SIT.	ITEM NUMBER	DESCRIPTION
P..1	10 71305	R P CAMHD 4K7 MA OW1
P..2	10 71305	R P CAMHD 4K7 MA OW1
P..3	10 71305	R P CAMHD 4K7 MA OW1
P..4	10 71305	R P CAMHD 4K7 MA OW1
P..5	10 71305	R P CAMHD 4K7 MA OW1
PC..	78 0004	PCB MN 40 OCM21 POT
R..1	10 1137	R CF 1K2 J OW25
R..2	10 1140	R CF 2K2 J OW25
R..3	10 1140	R CF 2K2 J OW25
R..4	10 1143	R CF 3K9 J OW25
Z..1	13 1716	D ZENER 5V1 OW5 C
	79 1649D	UN CSB MN 40 PCM21
001.	72 2183	DPL MN 40 PCM21 CSB PANEL
002.	80 2538	DPL MN 40 OCM21 CSB
003.	13 1662	D LED D3 RED
004.	35 70901	KNOB TURN POTMETER MINIATURE
005.	34 8006	WIRE TIE L140
008.	32 4715	SWITCH F 2A MAINS
0081	36 35106	SCREW DIN7971 2,2X 6,5 MP-C
0082	72 1895	CASE MN 40 MAINS SWITCH SCRFST
0083	72 2188	KNOB MN 40 OCM21 RECTANGLE
	34 8100	WIRE JUMPER 0,6 M AUTOM

CSB PCM 2840

79 1900

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
P..1	10 71305	R P CAMHD 4K7 MA OW1			
P..2	10 71305	R P CAMHD 4K7 MA OW1			
P..3	10 71305	R P CAMHD 4K7 MA OW1			
P..4	10 71305	R P CAMHD 4K7 MA OW1			
P..5	10 71305	R P CAMHD 4K7 MA OW1			
PC..	78 0004	PCB MN 40 OCM21 POT			
R..1	10 1137	R CF 1K2 J OW25			
R..2	10 1140	R CF 2K2 J OW25			
R..3	10 1140	R CF 2K2 J OW25			
R..4	10 1143	R CF 3K9 J OW25			
Z..1	13 1716	D ZENER 5V1 OW5 C			
	79 1649D	UN CSB MN 40 PCM21			
001.	72 3000	DPL MN 40 PCM28 CSB PANEL			
002.	80 2538	DPL MN 40 OCM21 CSB			
003.	13 1662	D LED D3 RED			
004.	35 70901	KNOB TURN POTMETER MINIATURE			
005.	34 8006	WIRE TIE L140			
008.	32 4715	SWITCH F 2A MAINS			
0081	36 35106	SCREW DIN7971 2,2X 6,5 MP-C			
0082	72 1895	CASE MN 40 MAINS SWITCH SCRFST			
0083	72 2188	KNOB MN 40 OCM21 RECTANGLE			
	34 8100	WIRE JUMPER 0,6 M AUTOM			

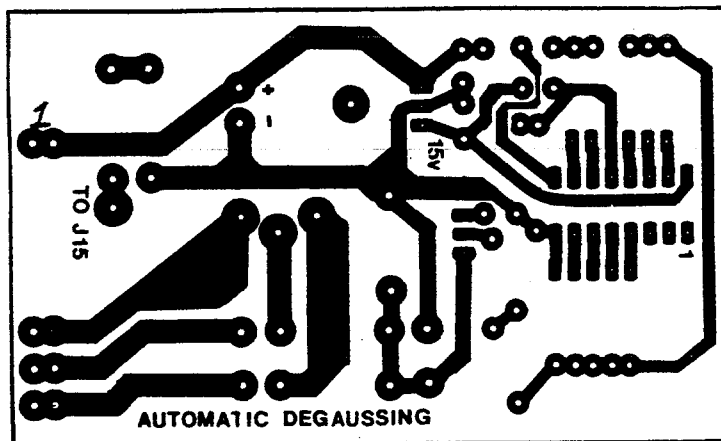
UNIT AUTOMATIC DEGAUSS

76 1641

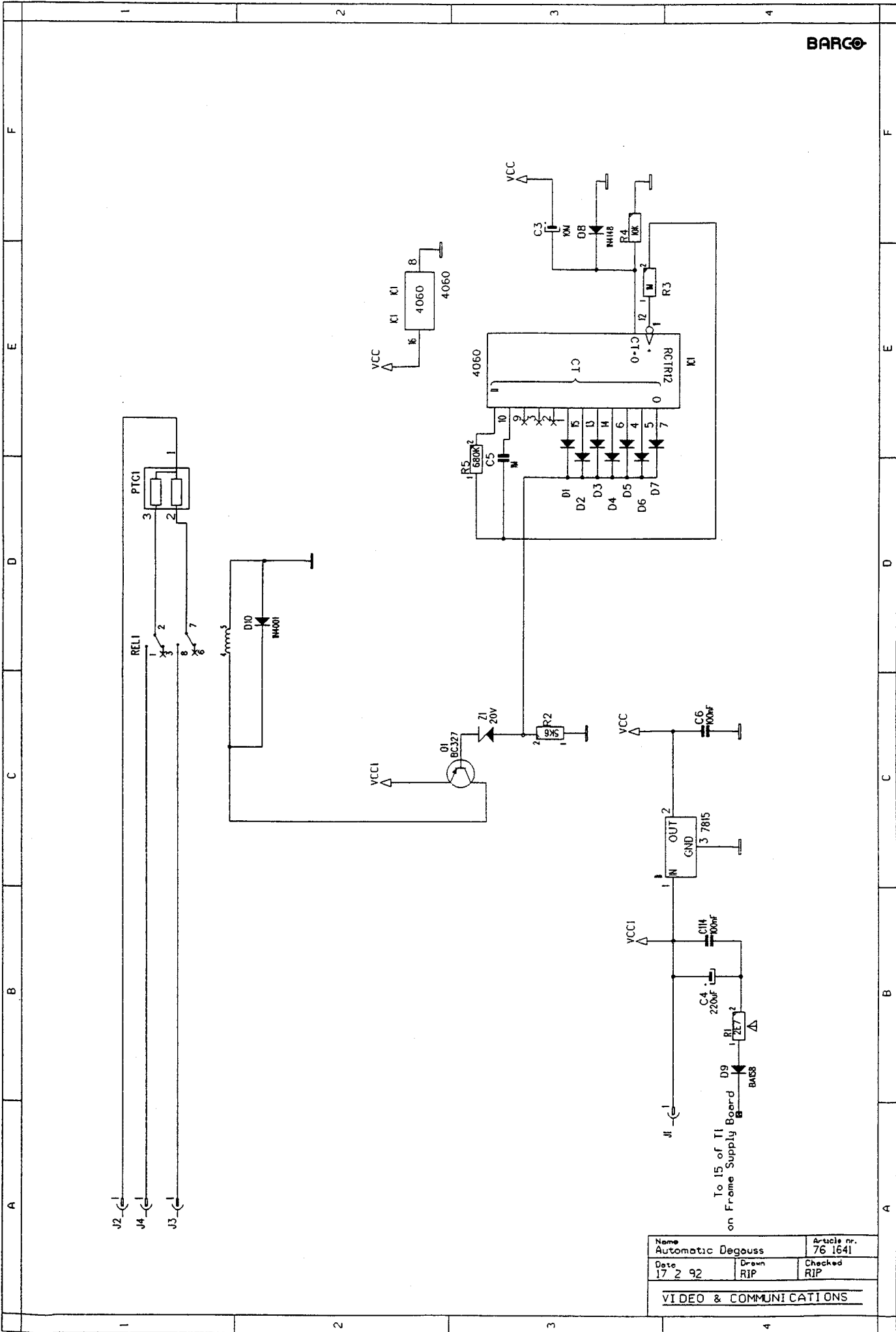
SERVICE SHEET

Date: 10/12/91

76 1641



Name AUTOMATIC DEGAUSS		Article no. 78 1641
Date 17/02/92	Drawn RIP	Checked RIP
Video & Communications		



BARCO

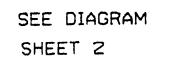
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Name Automatic Degauss		Article nr. 76 1641
Date 17 2 92	Drawn RIP	Checked RIP
VIDEO & COMMUNICATIONS		

UNIT AUTOMATIC DEGAUSS

76 1641

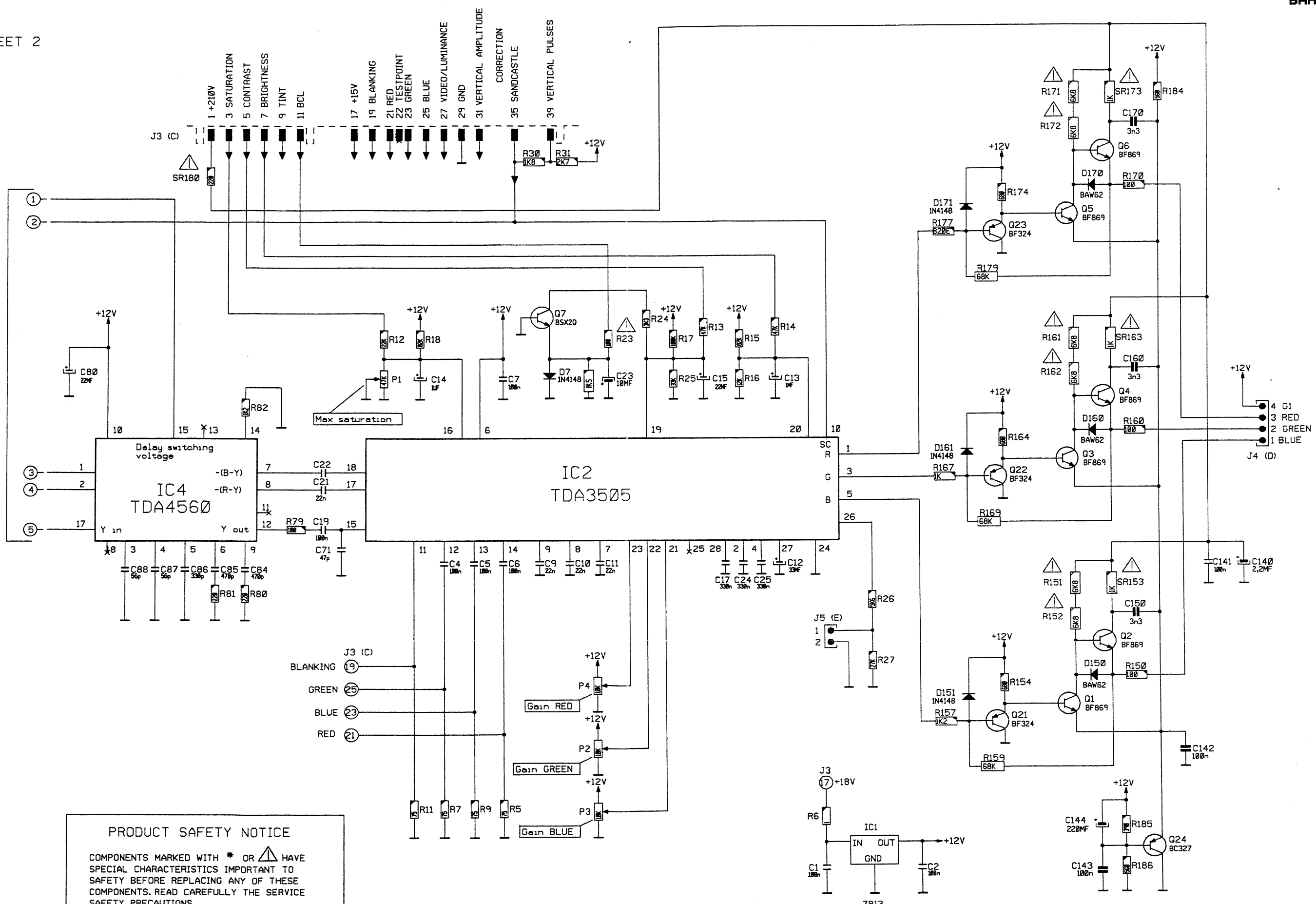
SIT.	ITEM NUMBER	DESCRIPTION
C..1	11 3724	C POMERA 100N K 63E2
C..2	11 3730	C POMERA 330N K 63E2
C..3	11 1531	C EL RA 10M M 35E2
C..4	11 1488	C EL RA 220M Z 40E2
C..5	11 4090	C POMERA 1M M 63E2
D..1	13 1621	D 1N4148 SW DO35
D..2	13 1621	D 1N4148 SW DO35
D..3	13 1621	D 1N4148 SW DO35
D..4	13 1621	D 1N4148 SW DO35
D..5	13 1621	D 1N4148 SW DO35
D..6	13 1621	D 1N4148 SW DO35
D..7	13 1621	D 1N4148 SW DO35
D..8	13 1621	D 1N4148 SW DO35
D..9	13 1637	D BA158 SW
D..10	13 1730	D ZEN 20V 0W5 C DO35
I..1	13 4010	U 7815 TO220 PSTAB
I..2	13 7610	U 4060 DIP16 PCOUNT
PC..	78 0023	PCB TV 40 PAT DEGAUSS 761641
PTC1	10 52096	R PTC 220V 662
Q..1	13 14311	Q BC327 P SS TO92 045A5
R..1	10 11059	R CFFH 2E7 J 0W25 SKS2
R..2	10 1145	R CF H 5K6 J 0W25
R..3	10 1172	R CF H 1M J 0W25
R..4	10 1148	R CF H 10K J 0W25
R..5	10 1170	R CF H680K J 0W25
REL1	32 43231	RLY 24V 2U 880E CSA
Z..1	13 1730	D ZEN 20V 0W5 C DO35
	31 3247	J U0.3 FBT P 16 R2,54
	31 3366	J CIS MBS P 1 L8,7 RL
	80 0743	SPR RVT L29 D 7 M3 A
001.	36 19145	SCR DIN965 M 3 X 10
002.	36 7502	WSHR DIN6798 A 3,2 F Z
1010	76 1573D	UN RETARDED MN 40 SCM MK2



Name Quad decoder SVideo- PCM (sheet)		Article nr. 76 1686
Date 08/05/91	Drawn RIP	Checked RDF
BARCO Video & Communications		

SHEET 2

FROM DIAGRAM
SHEET 1

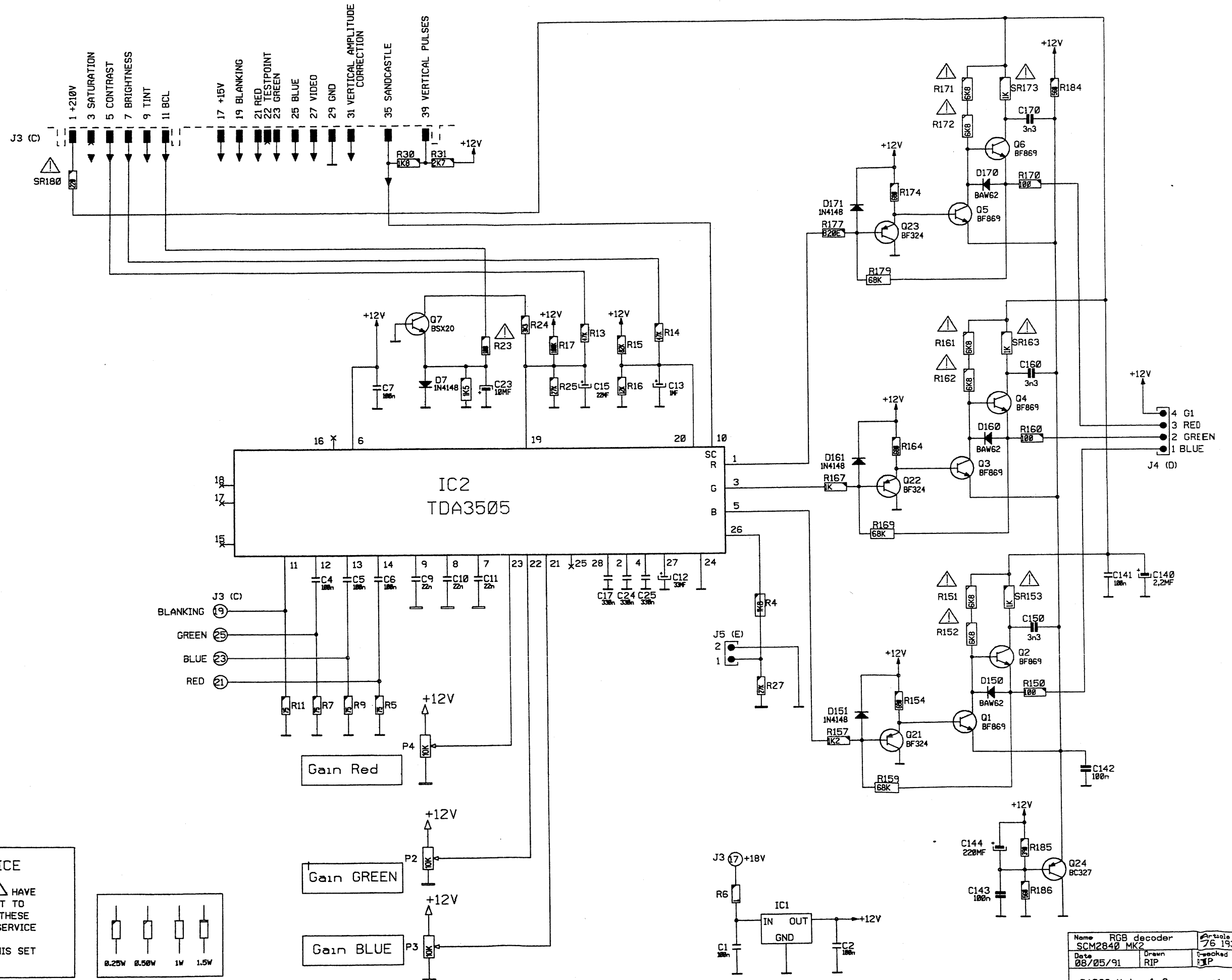


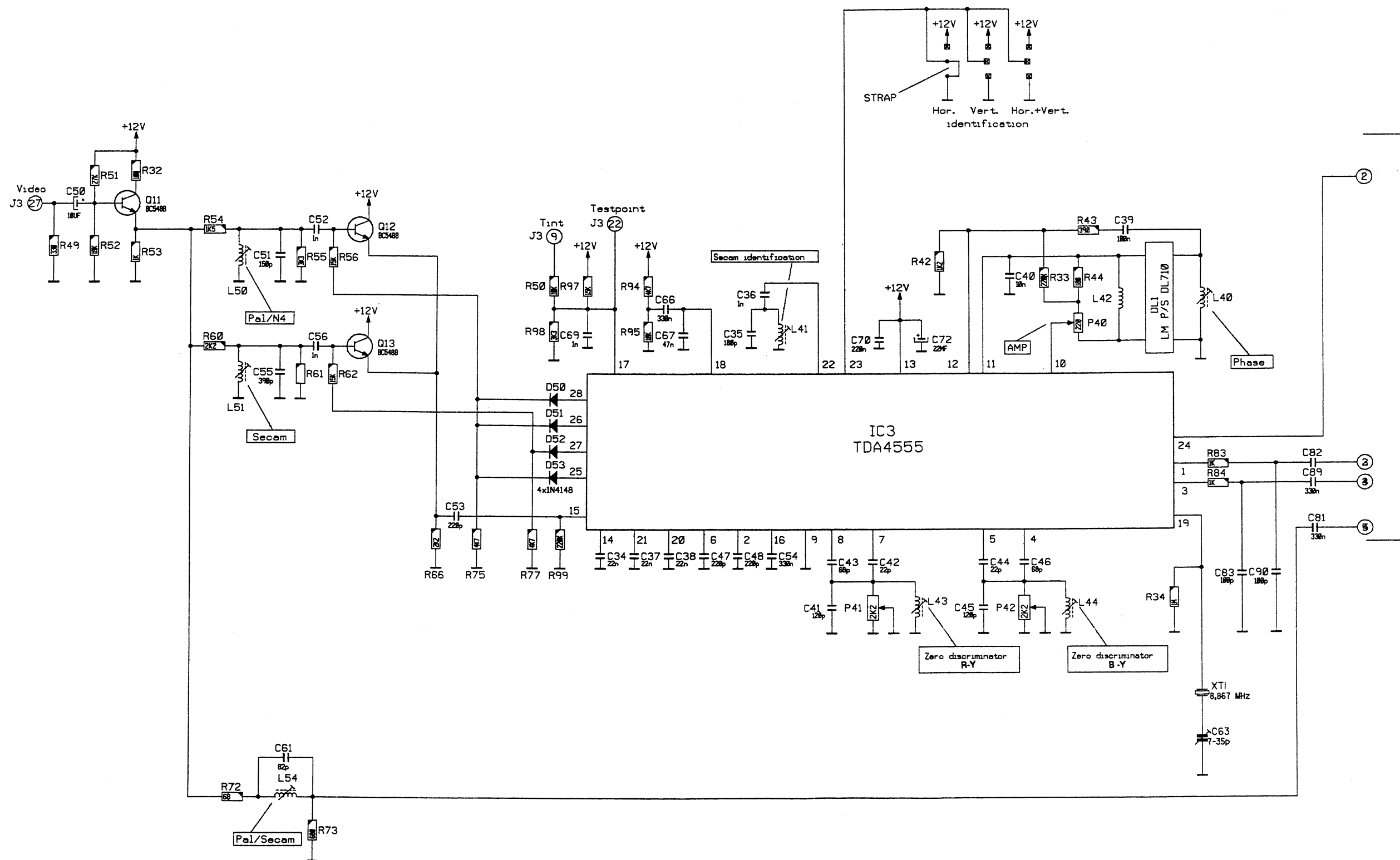
PRODUCT SAFETY NOTICE

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Modifications reserved

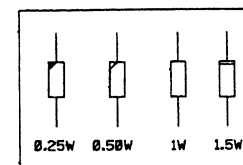
Name Quad decoder		Article nr.
Video-PCM (sheet 2)		76 1686
Date 08/05/91	Drawn RIP	Checked RDF
BARCO Video & Communications		





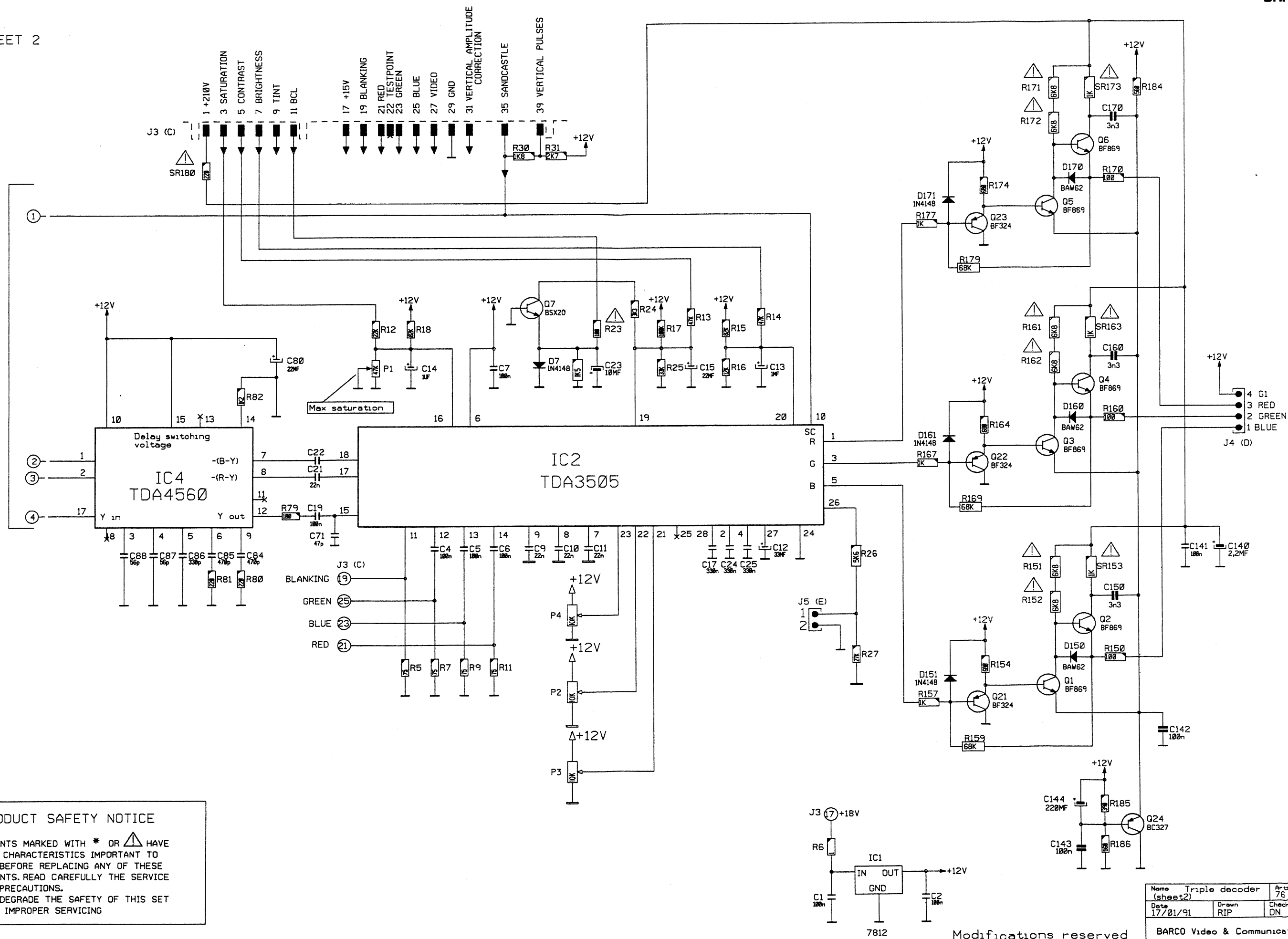
SEE DIAGRAM
SHEET 2

Modifications reserved



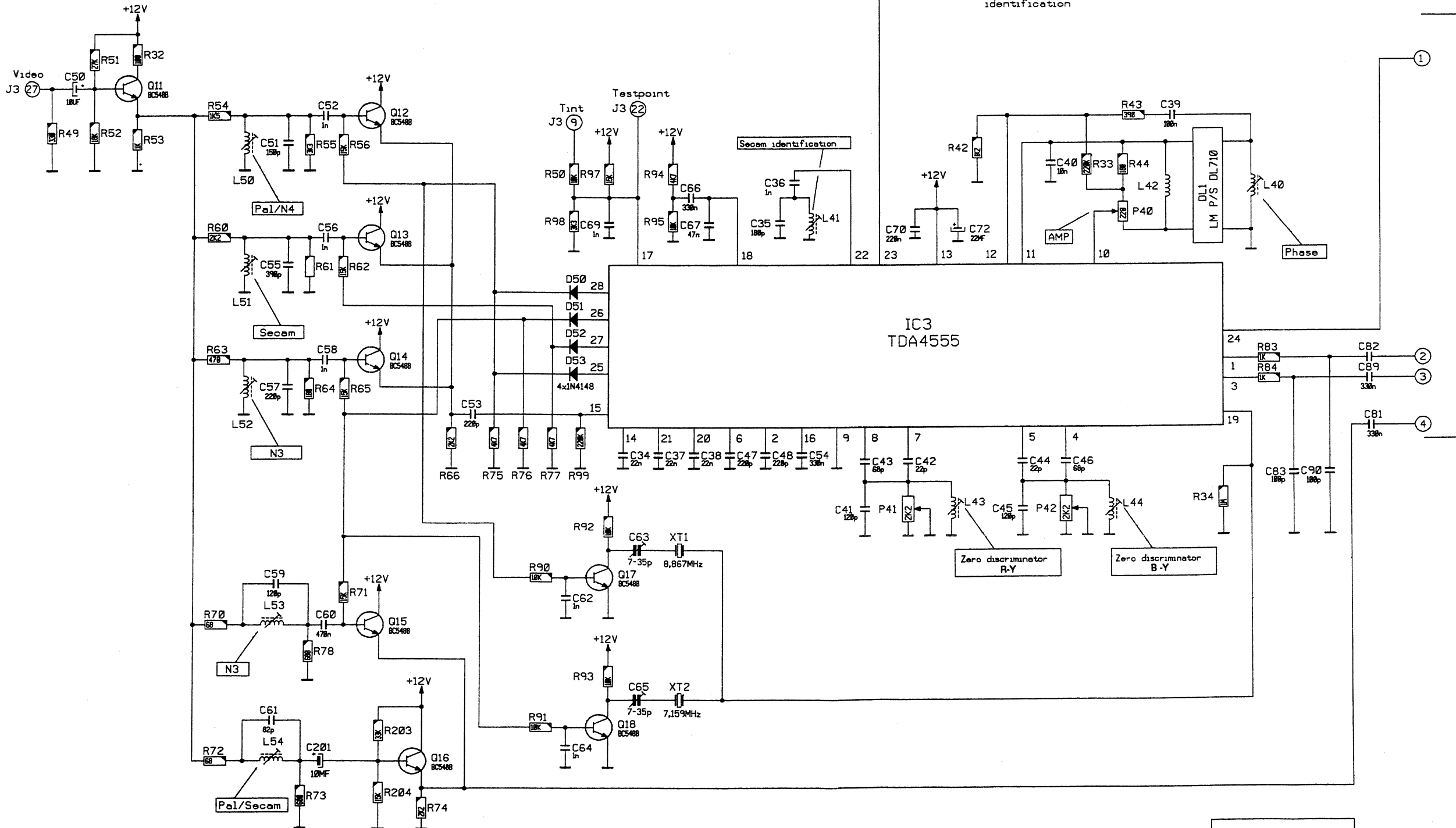
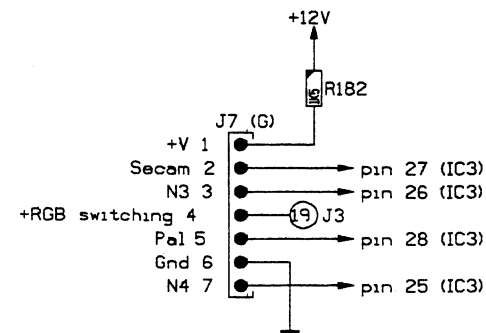
Name Triple decoder (sheet 1)		Article nr. 76 1942
Date 17/01/91	Drawn RIP	Checked DN
BARCO Video & Communications		

SHEET 2

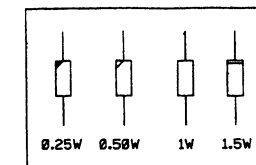
FROM DIAGRAM
SHEET 1

Name	Triple decoder (sheet2)	Article nr.	76 1942
Date	17/01/91	Drawn	RIP
		Checked	DN
BARCO Video & Communications			

SHEET 1



SEE DIAGRAM
SHEET 2




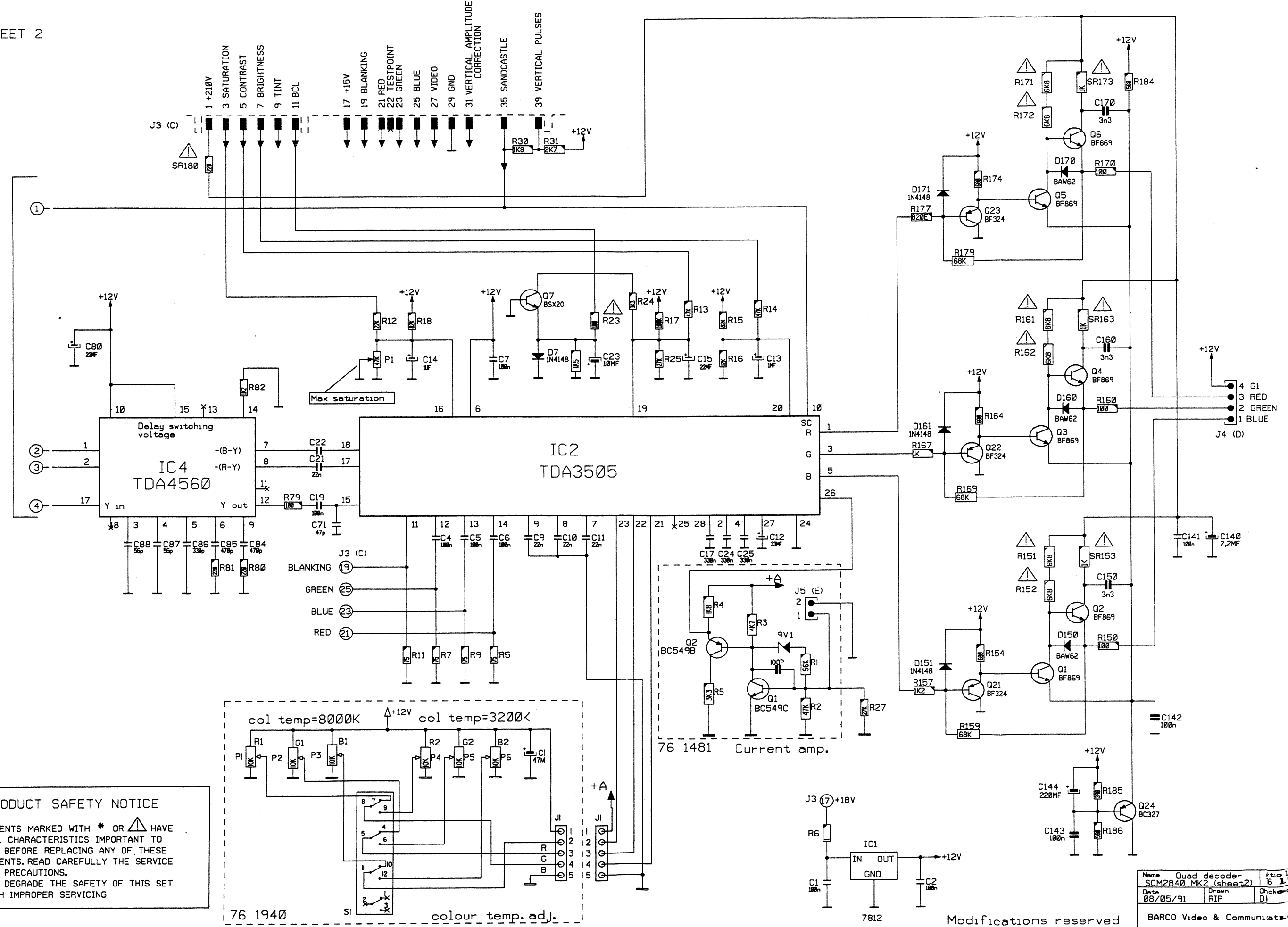
Name Quad decoder SCM2840 MK2 (sheet 1)		Article nr. 76 1954
Date 08/05/91	Drawn RIP	Checked DN
BARCO Video & Communications		

SHEET 2

FROM DIAGRAM
SHEET 1

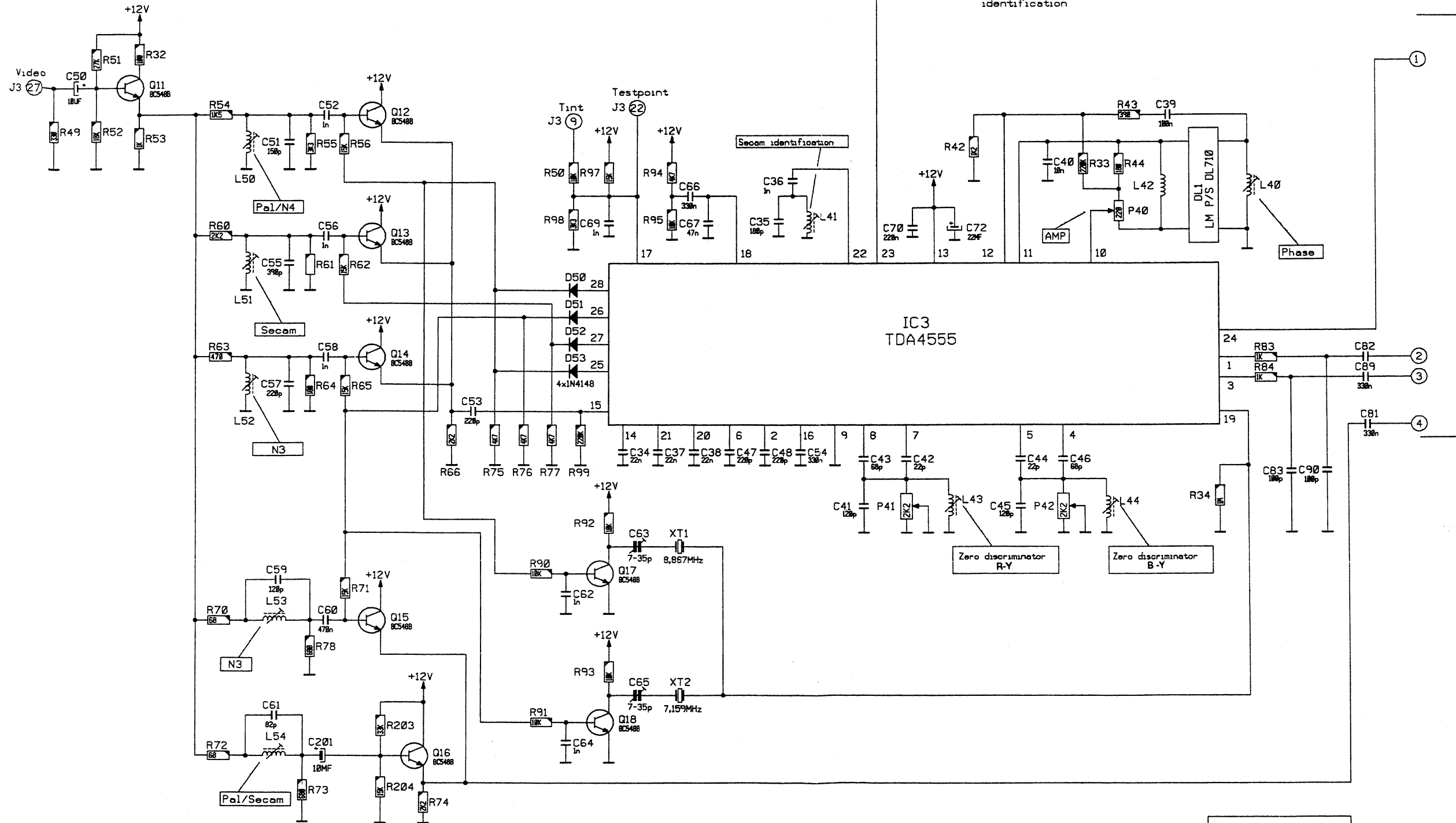
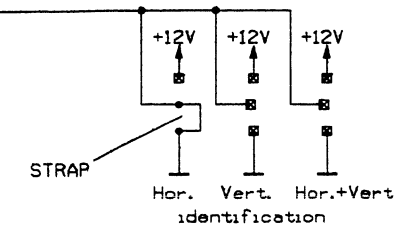
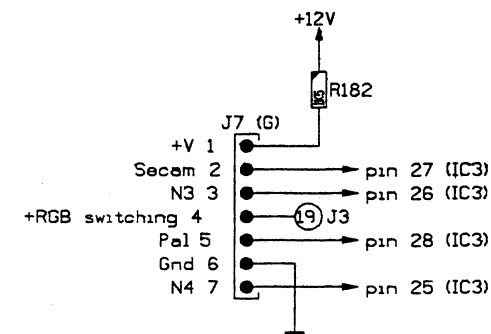
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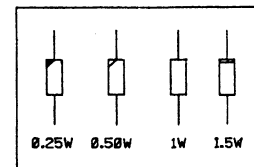


Name	Quad decoder	Rev. 1.0
SCM2840 MK2 (sheet 2)	5	1994
Date	08/05/91	Drawn
	RIP	Checked
		DI
BARCO Video & Communications		

Modifications reserved



SEE DIAGRAM
SHEET 2




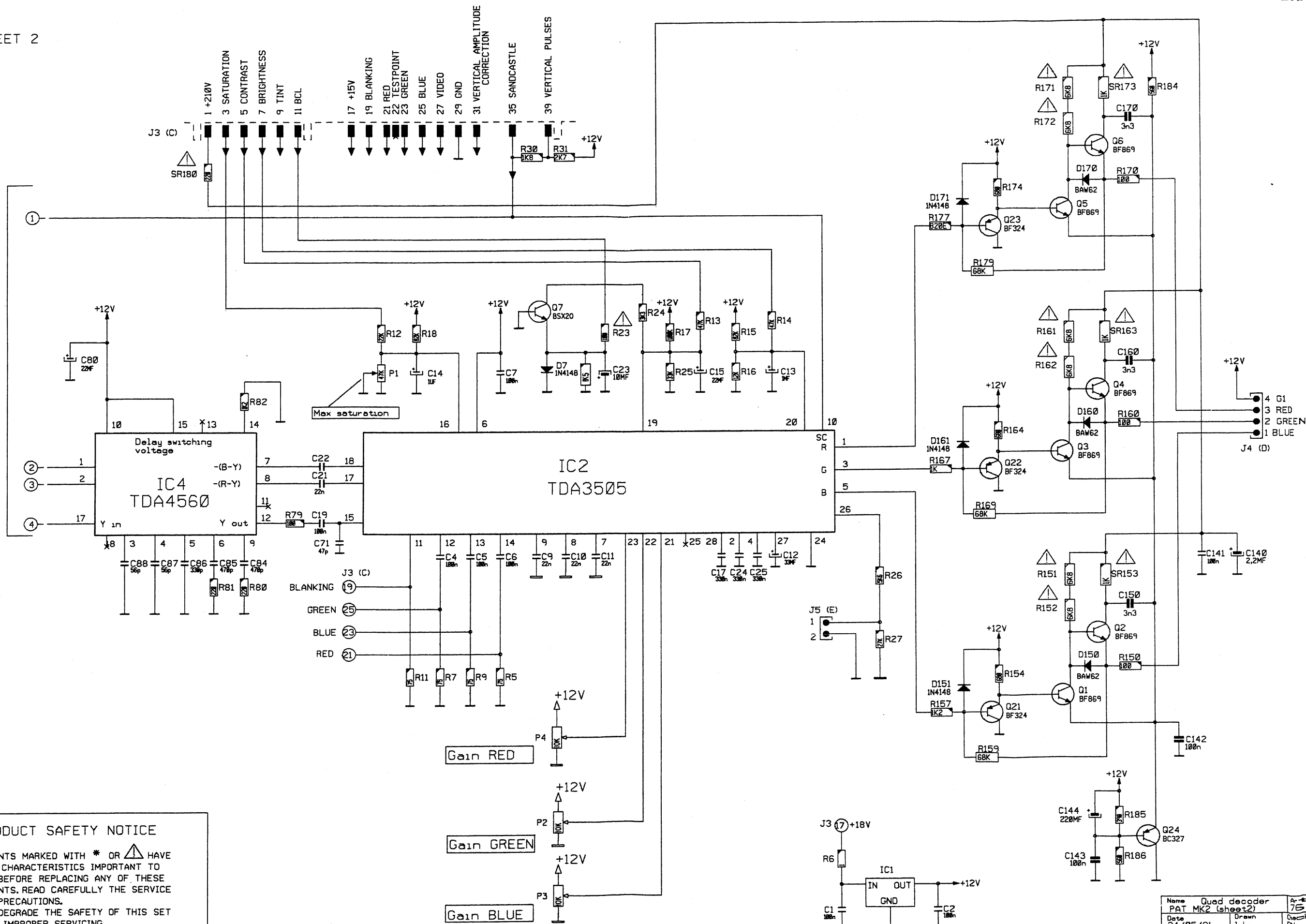
Name Quad decoder		Article nr.
PAT MK2 (sheet 1)		76 1971
Date	Drawn	Checked
24/05/91	ldwa	DN
BARCO Video & Communications		

SHEET 2

FROM DIAGRAM
SHEET 1

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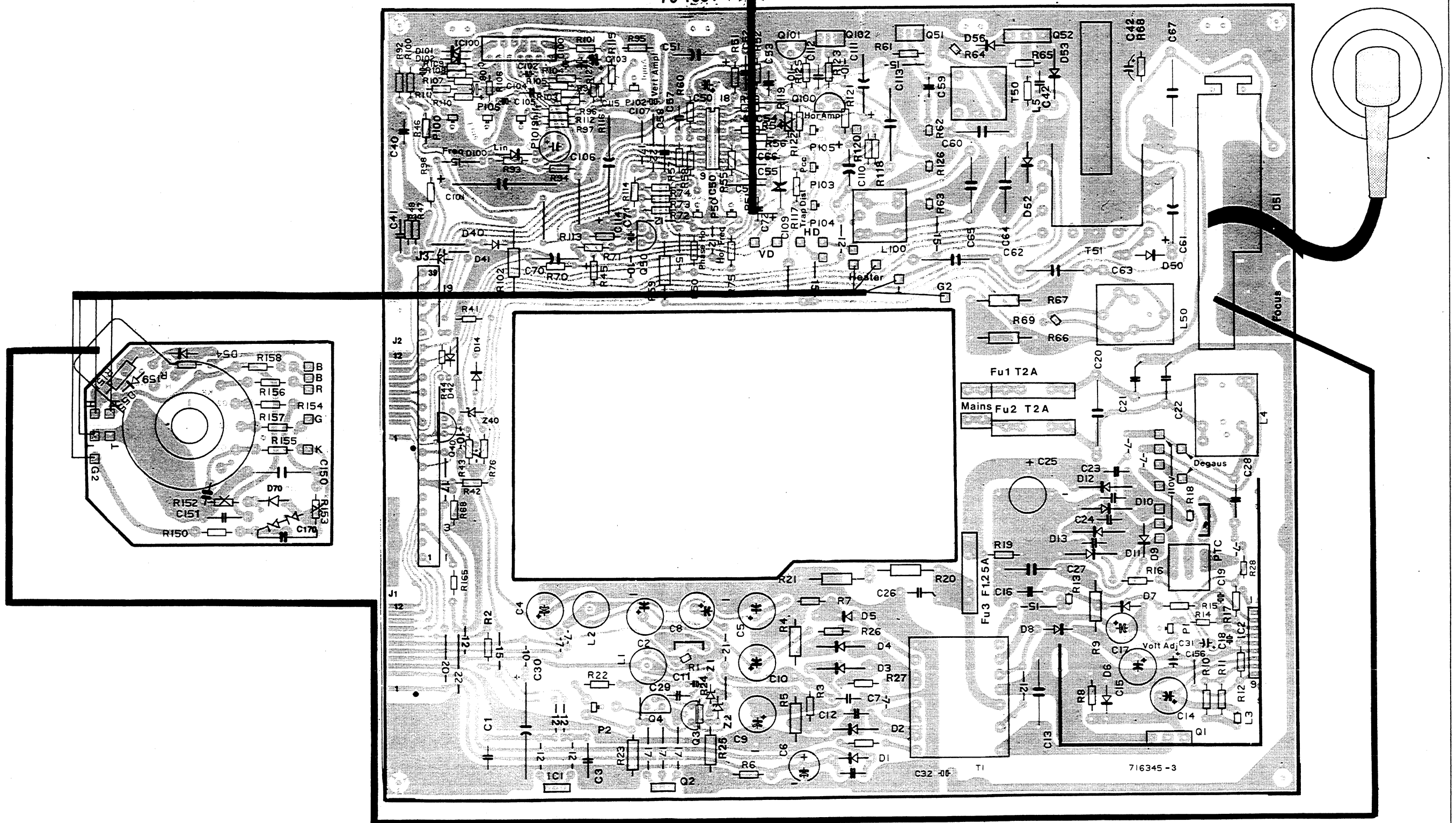


Name	Quad decoder	Article nr.
PAT MK2 (sheet 2)		75 1971
Date	24/05/91	Drawn
	ldwa	Checked
		DN

Modifications reserved

BARCO Video & Communications

76 1681



Unit nos.:

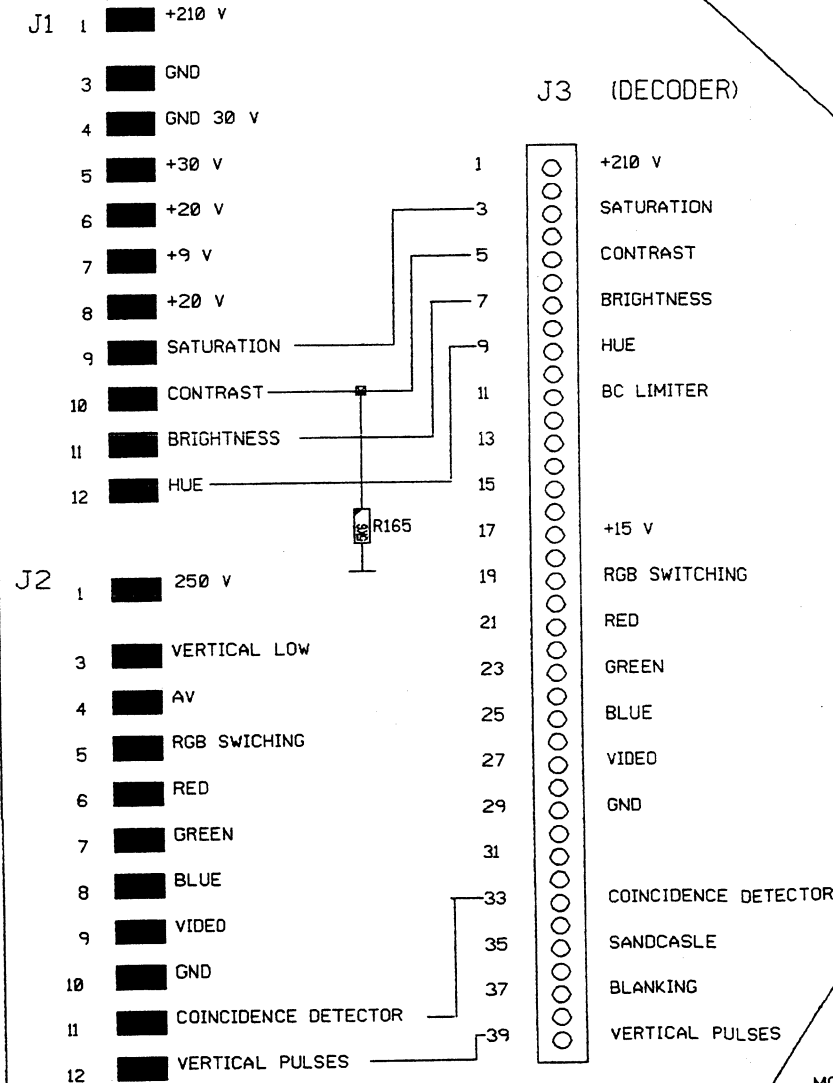
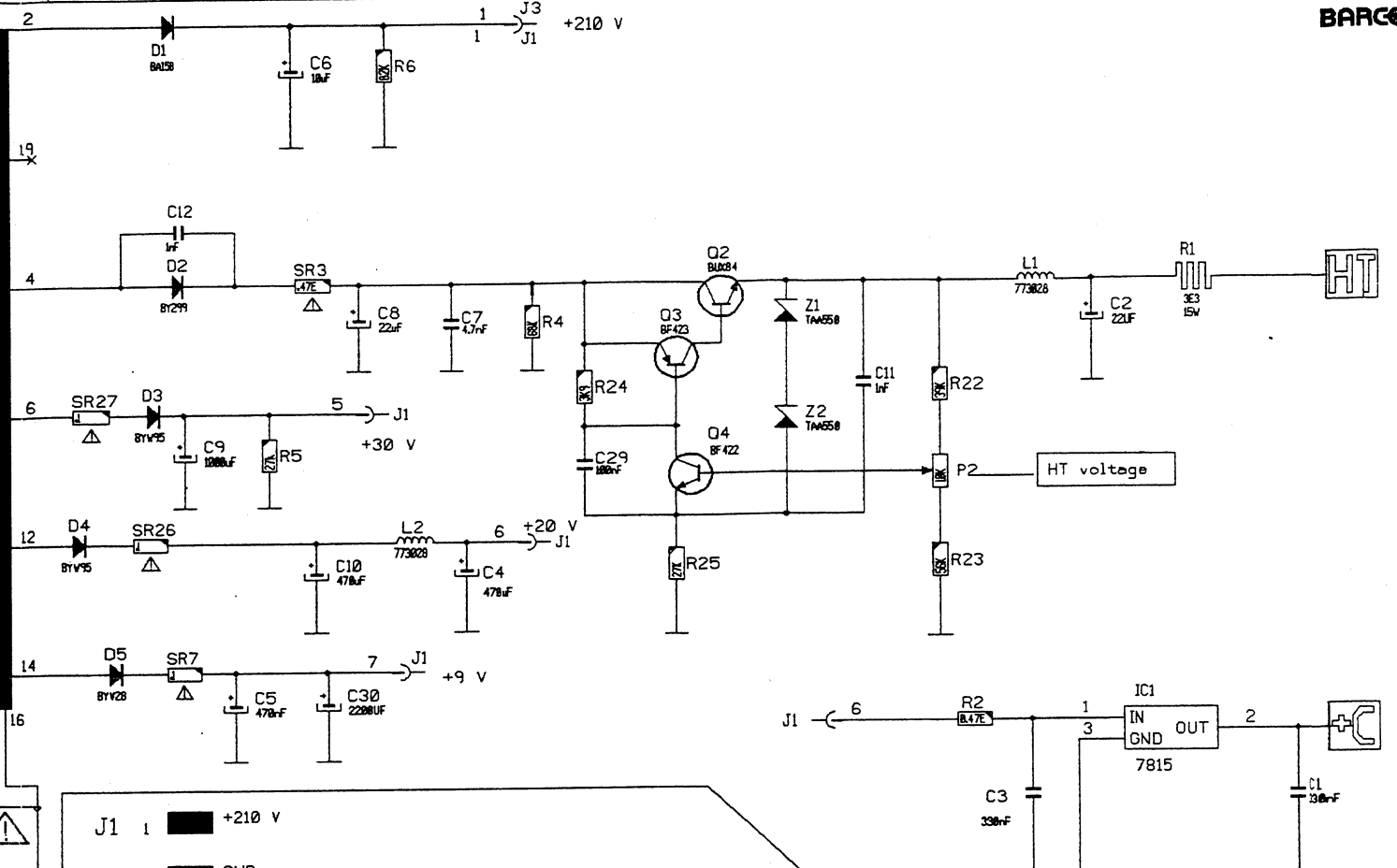
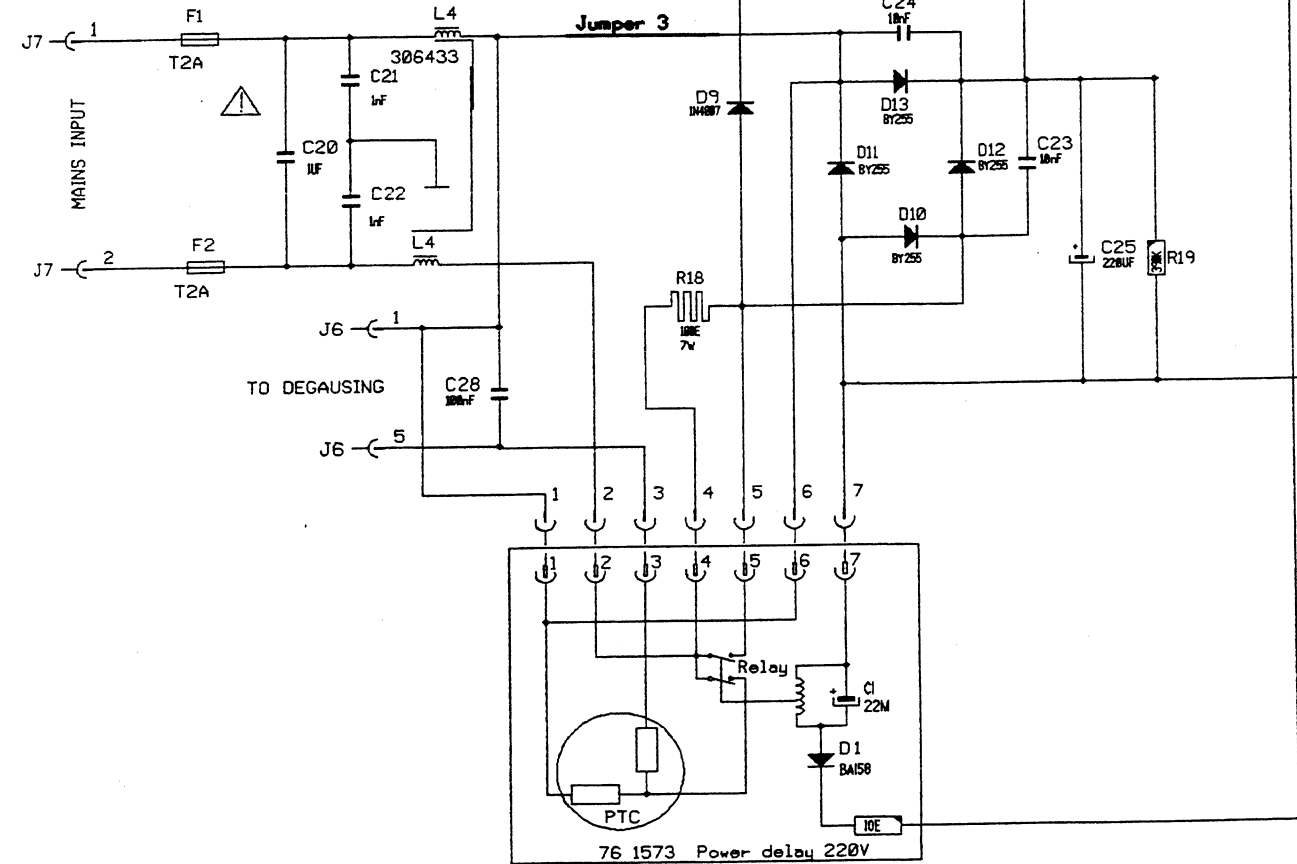
- 76 1682
- 76 1688
- 76 1941
- 76 1955

Name		Article no.
FRAME SUPPLY BOARDS		
Date	Drawn	Checked
10/10/1991	RIP	RIP
Video & Communications		

SHEET 1

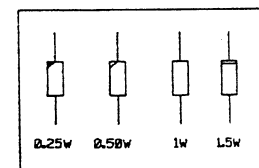
IC2
TDA4601

BARCO



PRODUCT SAFETY NOTICE

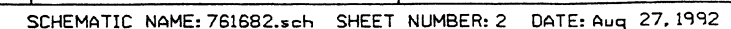
COMPONENTS MARKED WITH * OR ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY BEFORE REPLACING ANY OF THESE COMPONENTS. READ CAREFULLY THE SERVICE SAFETY PRECAUTIONS. DO NOT DEGRADE THE SAFETY OF THIS SET THROUGH IMPROPER SERVICING

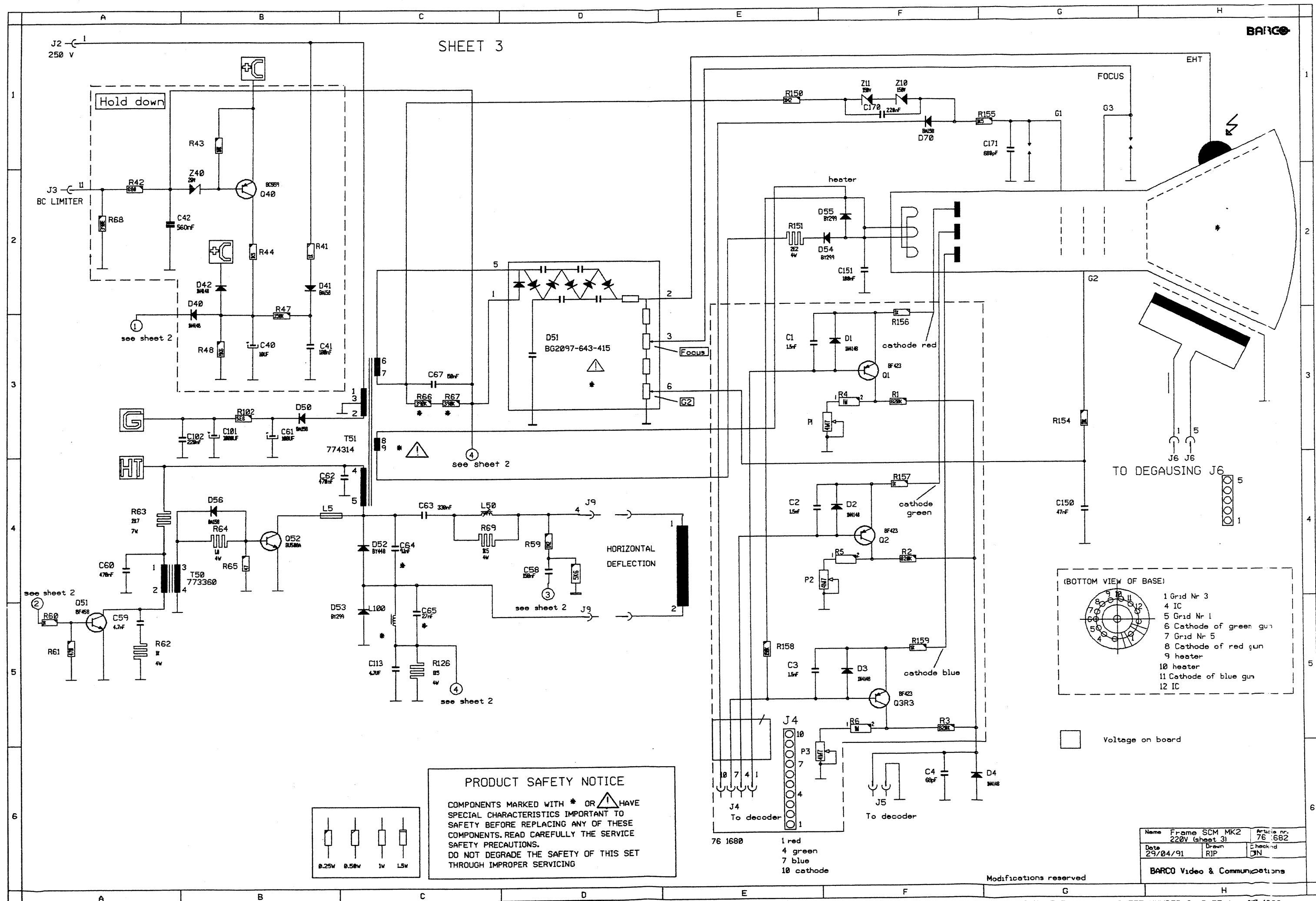


Voltage on board

MODIFICATIONS RESERVED

Name	Frame	SCM MK2	Article nr.	76 1682
Date	29/04/91	Drawn	Checked	DN
BARCO Video & Communications				

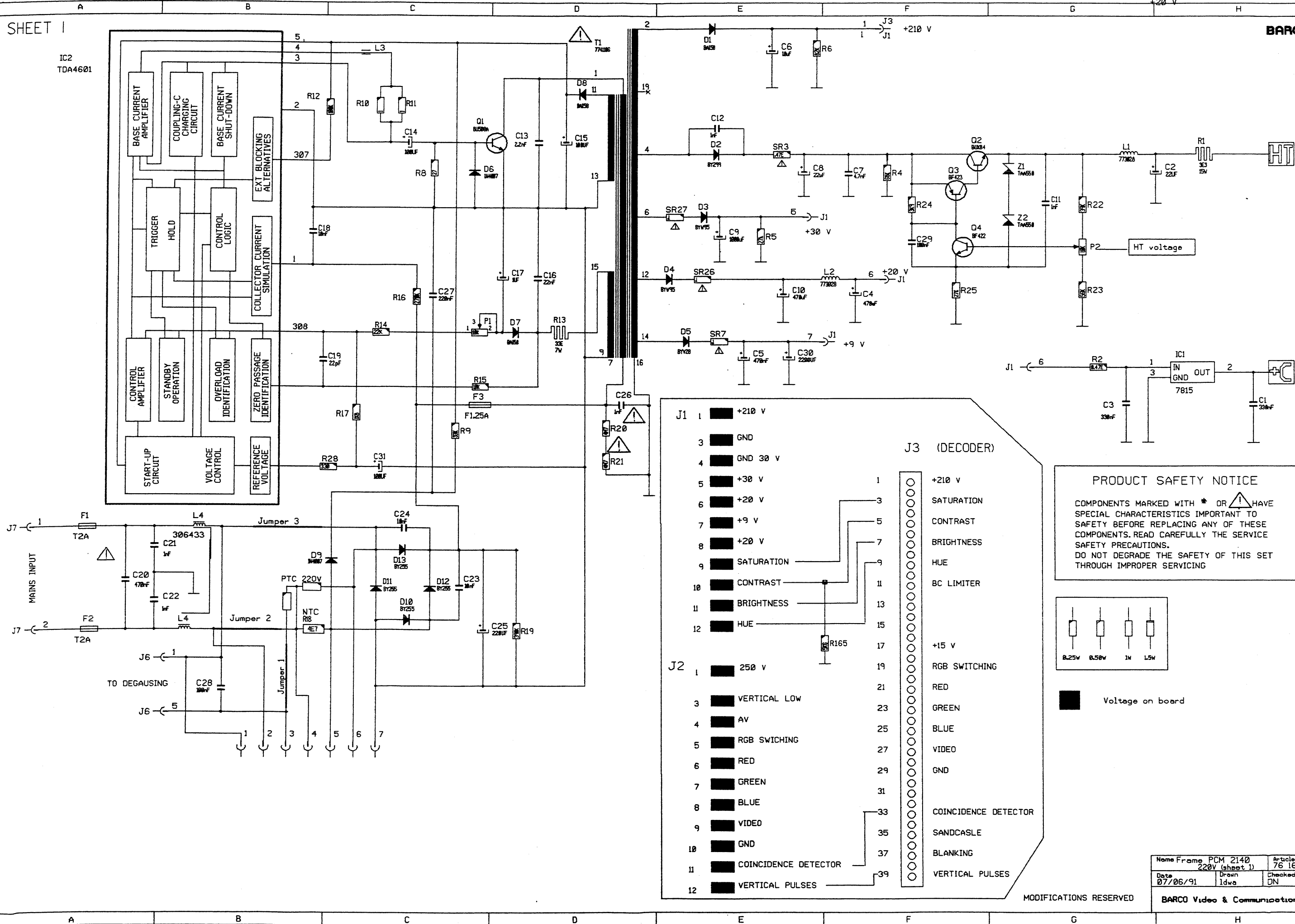


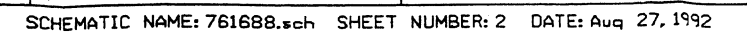


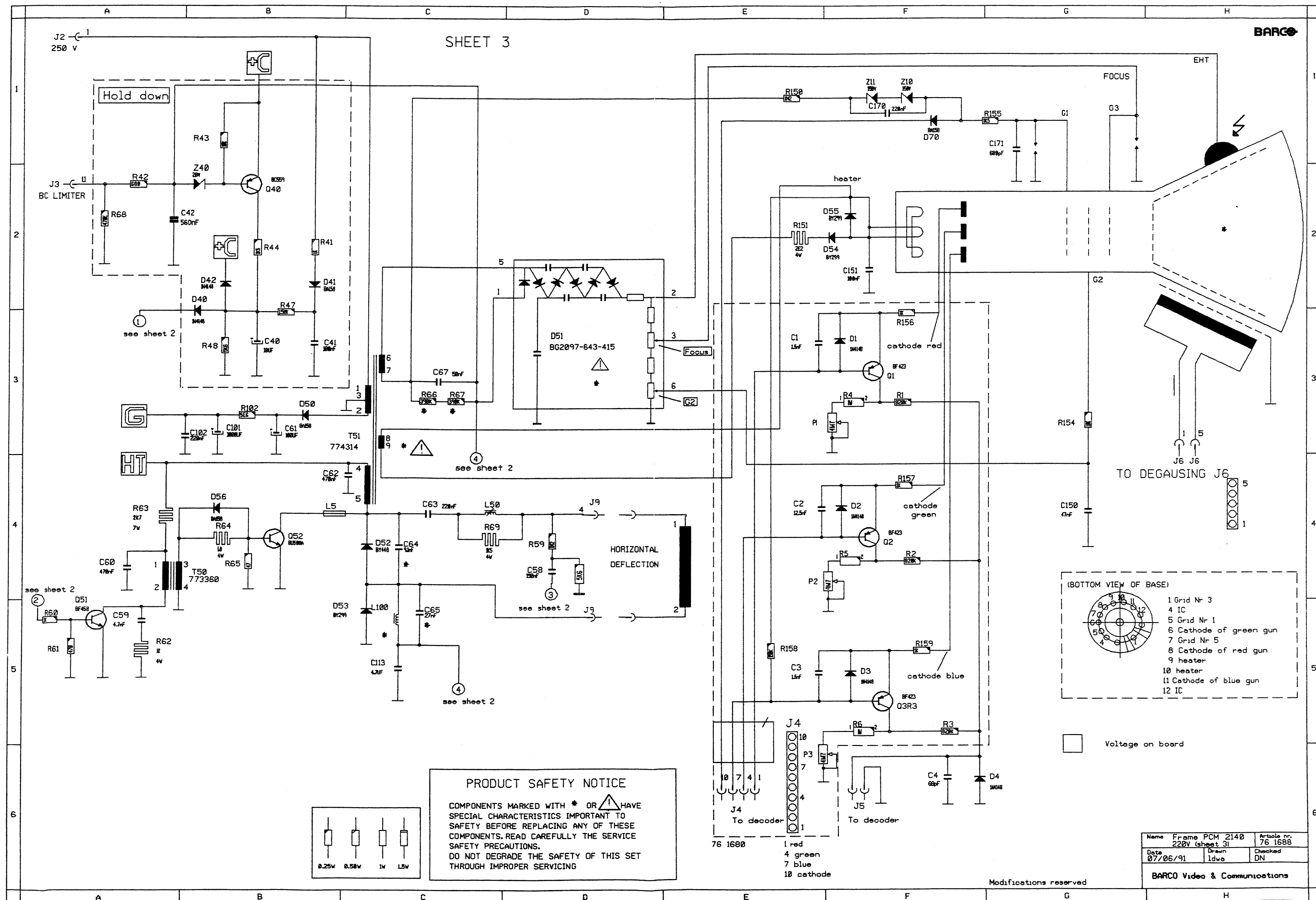
SHEET 1

IC2
TDA4601

BARCO



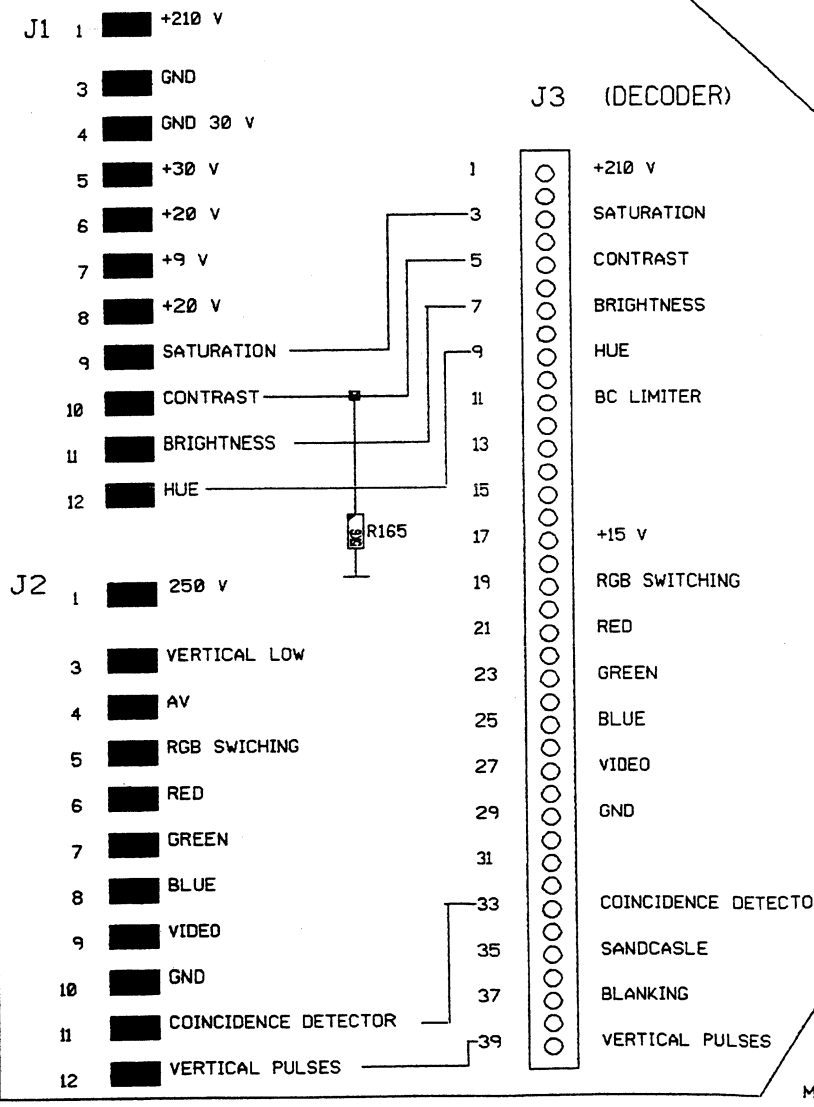
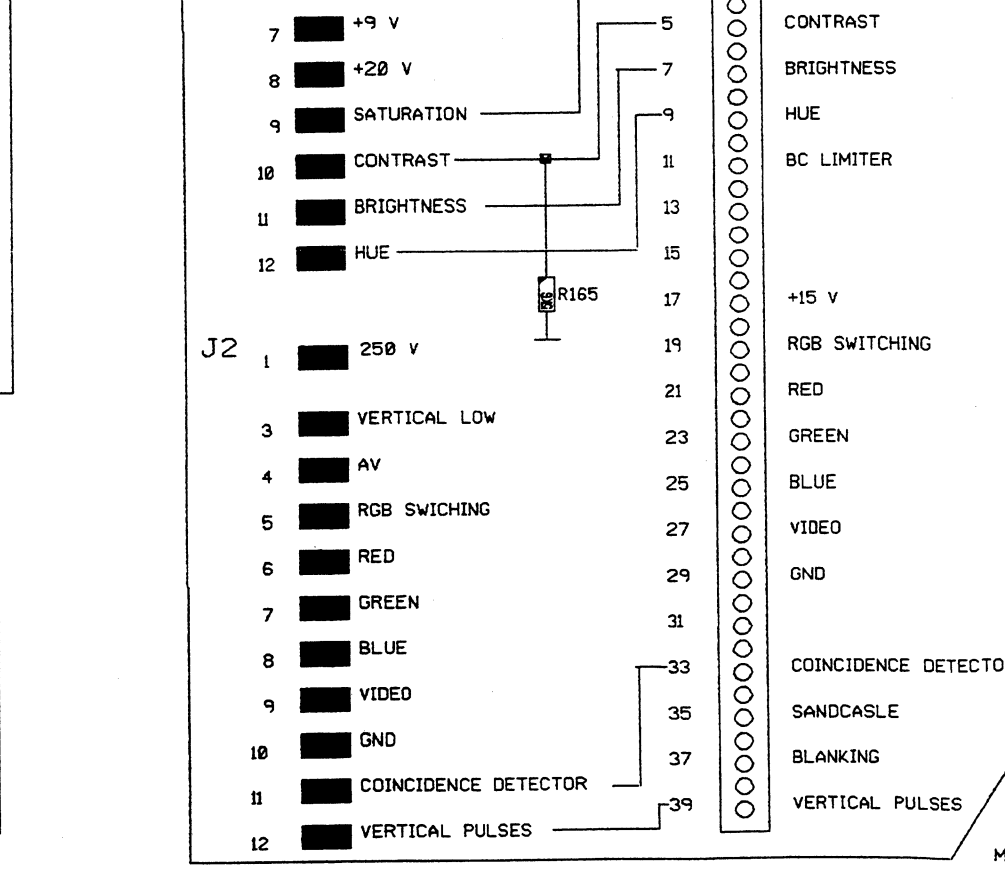
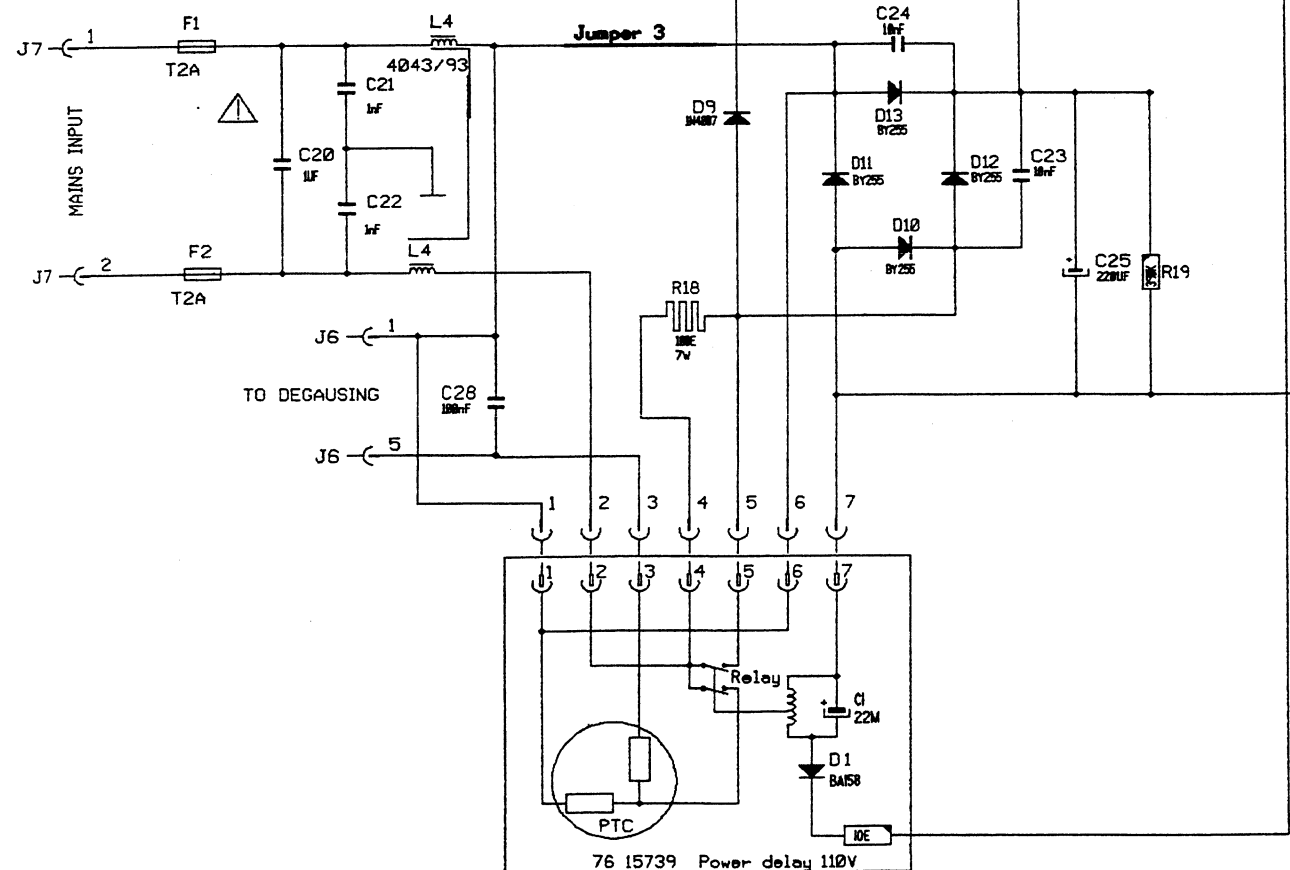





SHEET 1

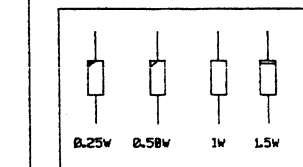
IC2
TDA4601

BARCO



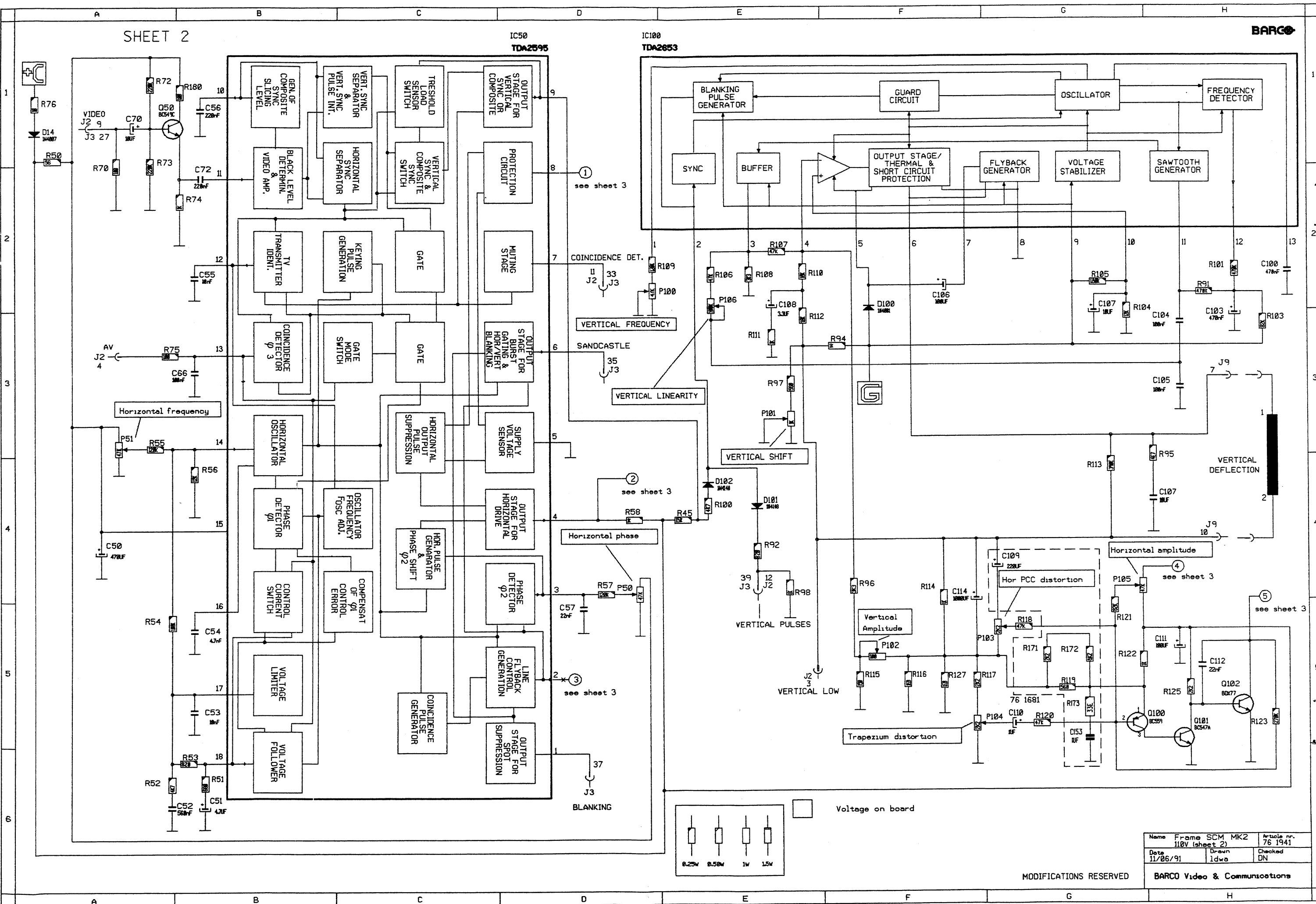
PRODUCT SAFETY NOTICE

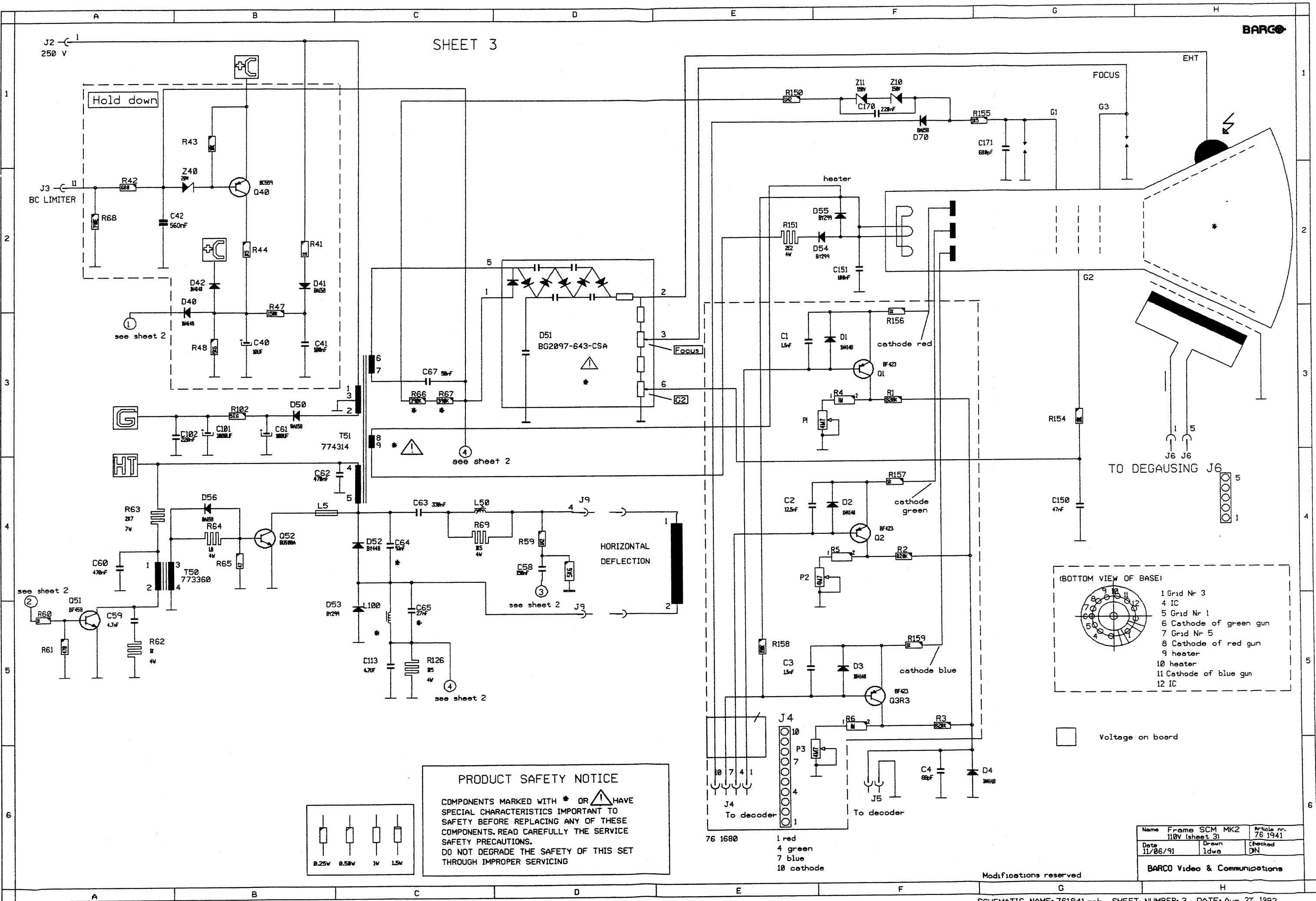
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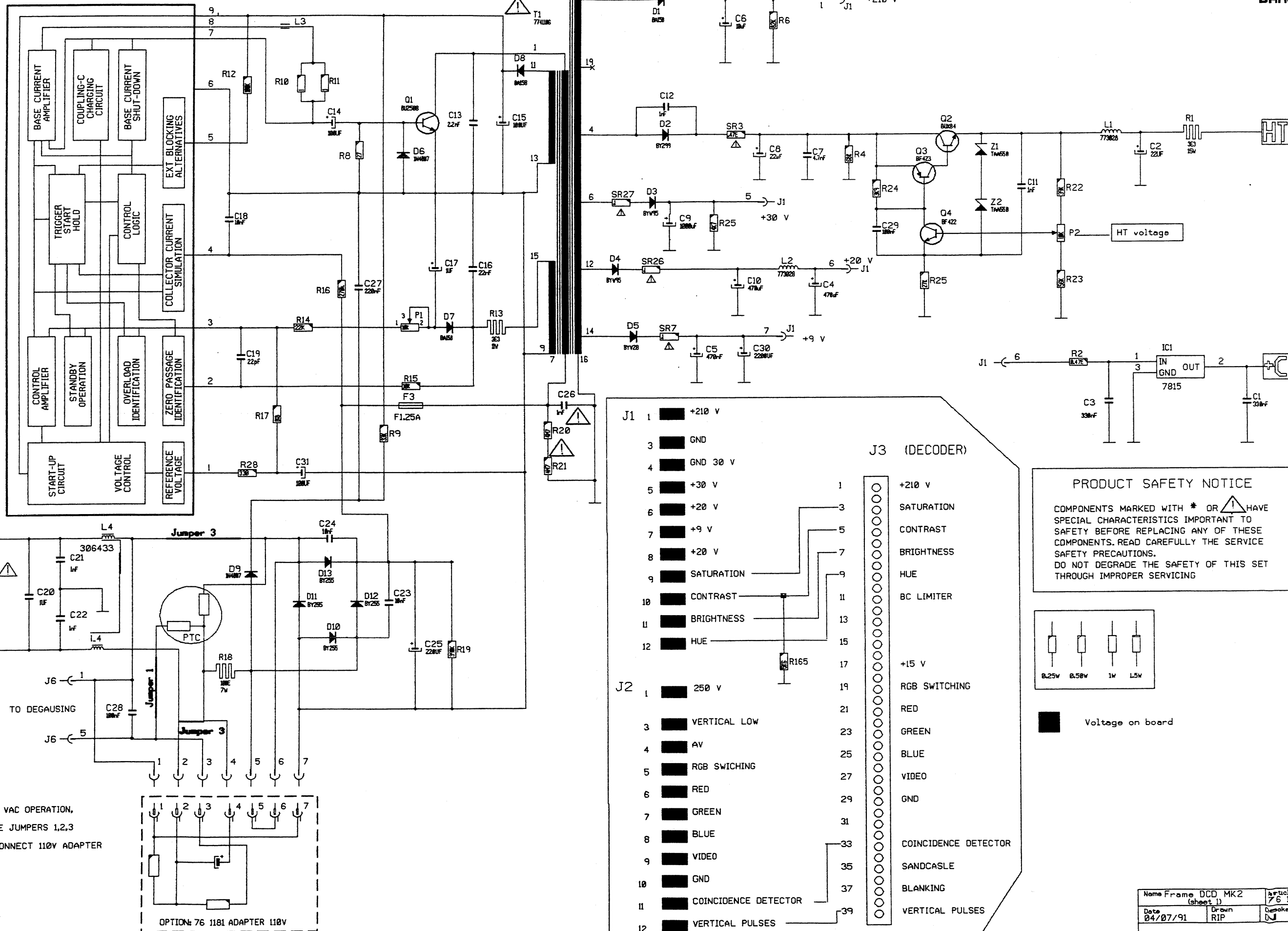


Name Frame SCM MK2
110V (sheet 1)
Date 11/06/91
Drawn Idwa
Checked JH

Article nr. 76 1941
76 1941
BARCO Video & Communications




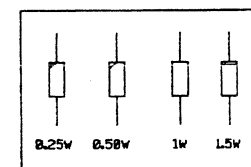




OPTION: 76 1181 ADAPTER 110V

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Voltage on board

MODIFICATIONS RESERVED

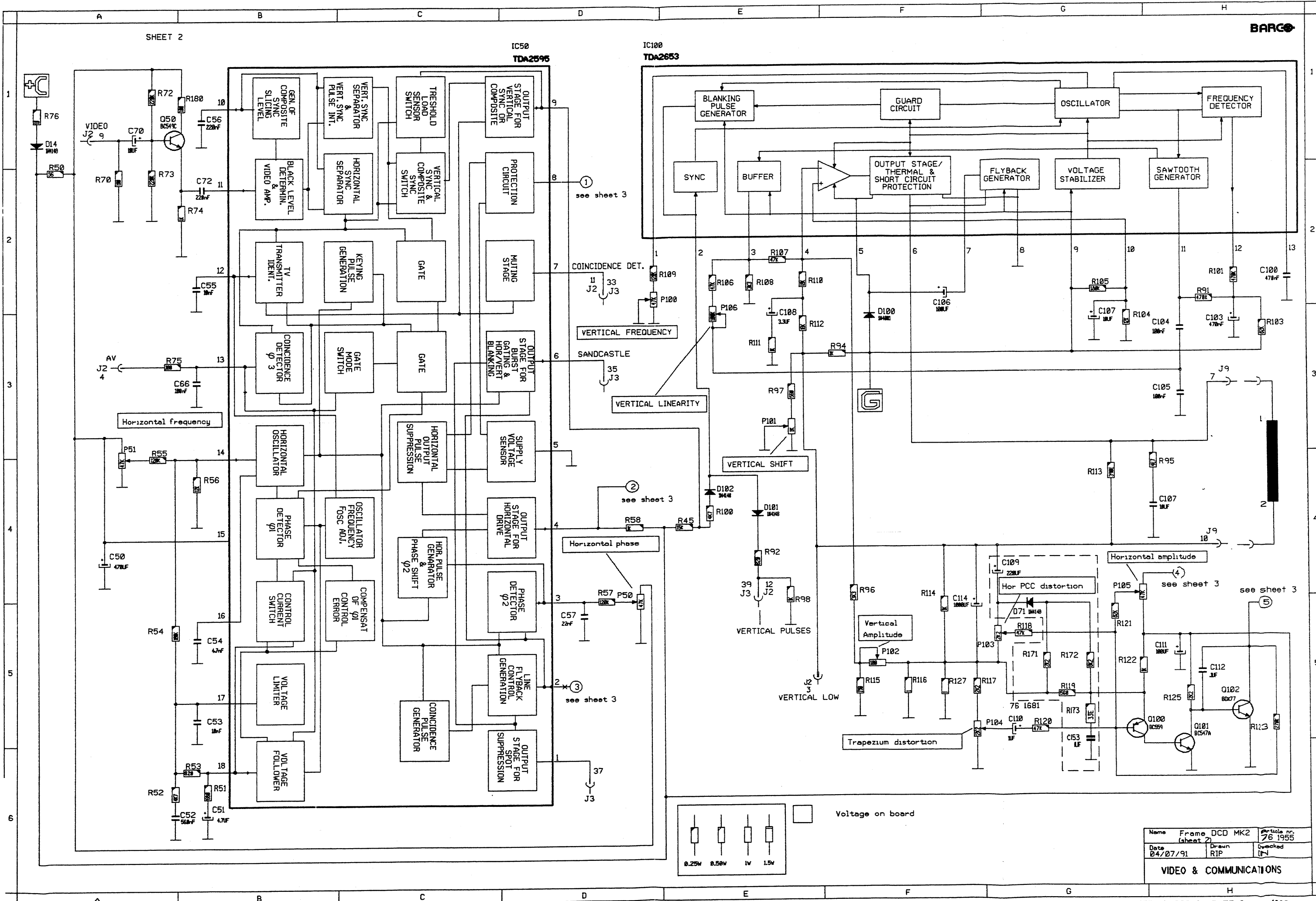
Name Frame DCD MK2 (sheet 1)		Article nr. 76 1955
Date 04/07/91	Drawn RIP	Checked DJ

BARCO Video & Communications

SHEET 2

IC50
TDA2655

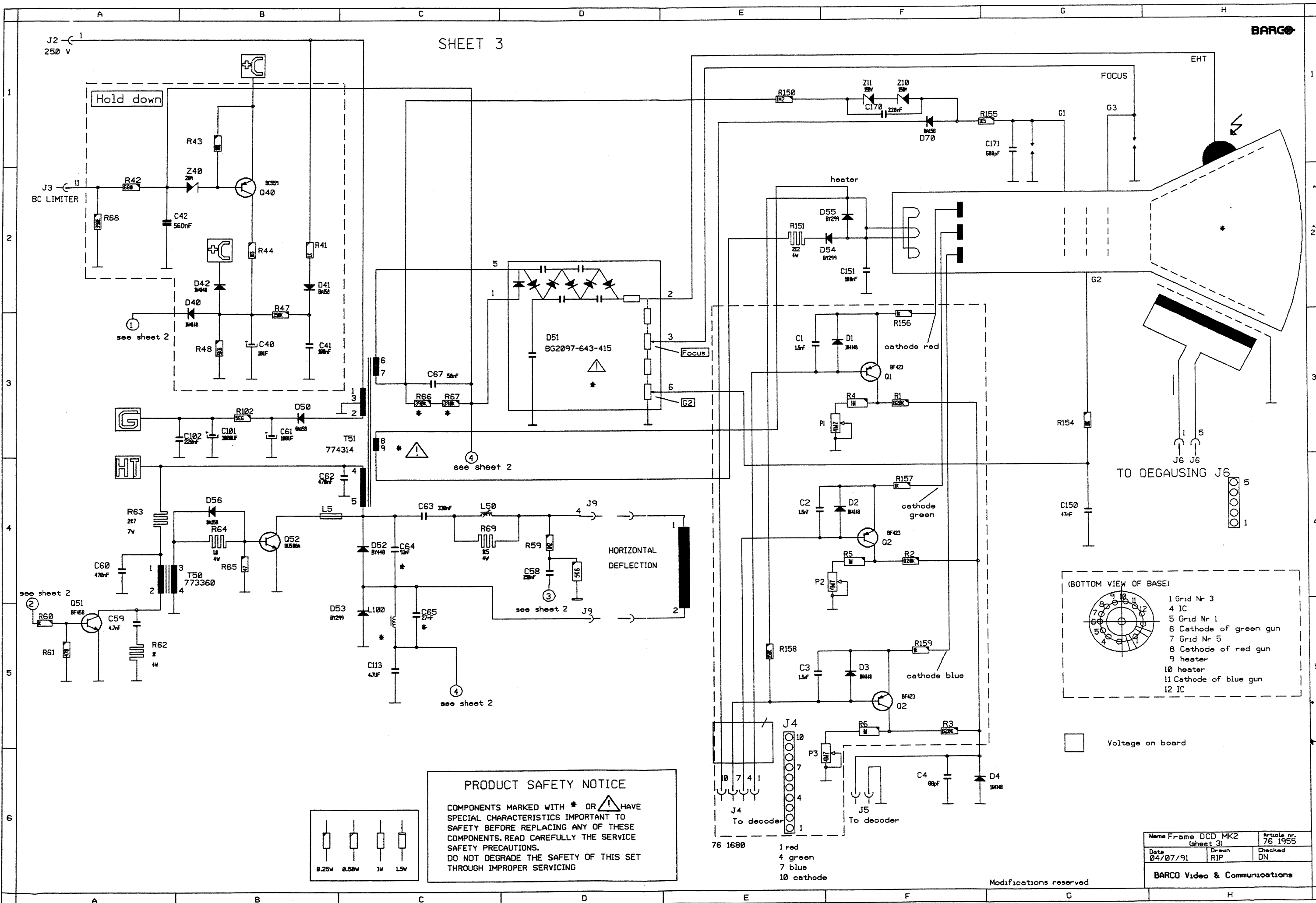
IC100
TDA2653





Name	Frame DCD MK2 (sheet 2)	Article nr.	76 1955
Date	04/07/91	Drawn	RIP
		Checked	LN
VIDEO & COMMUNICATIONS			

SHEET 3

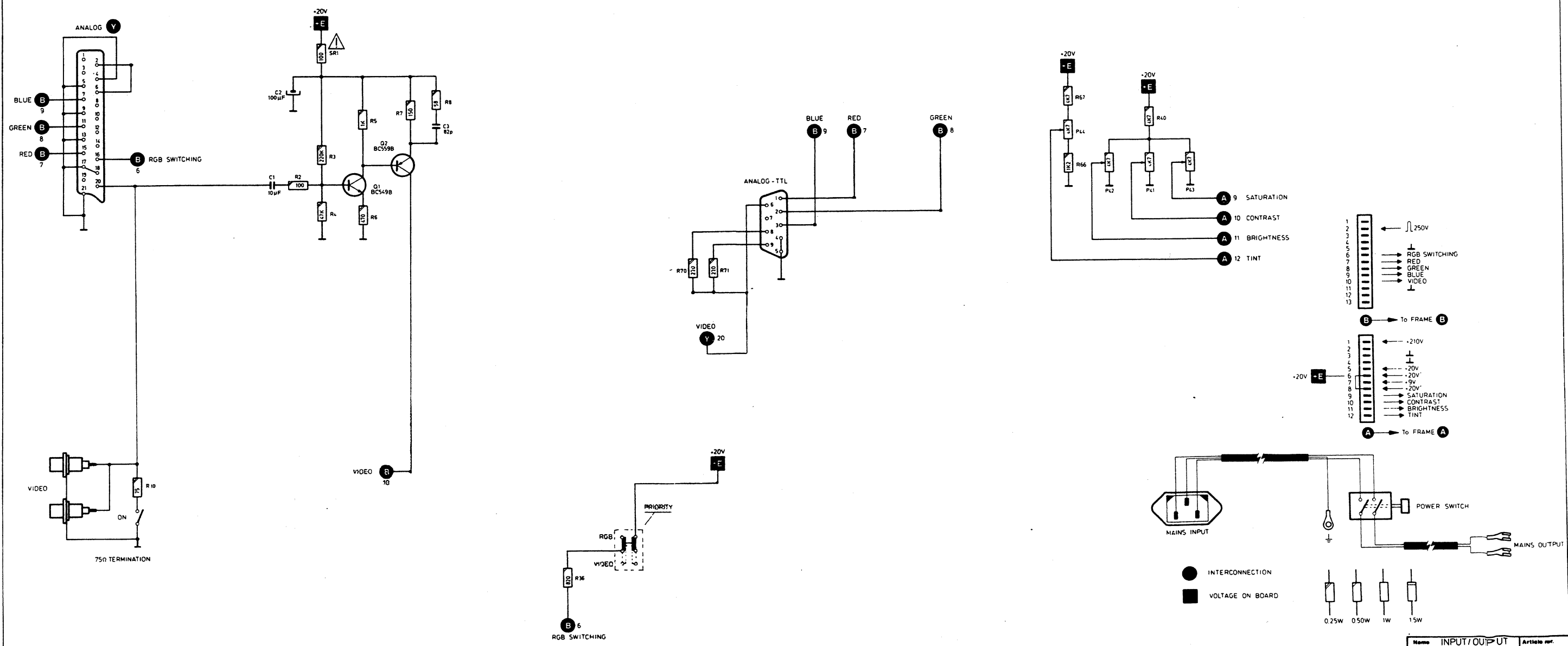
BARCO



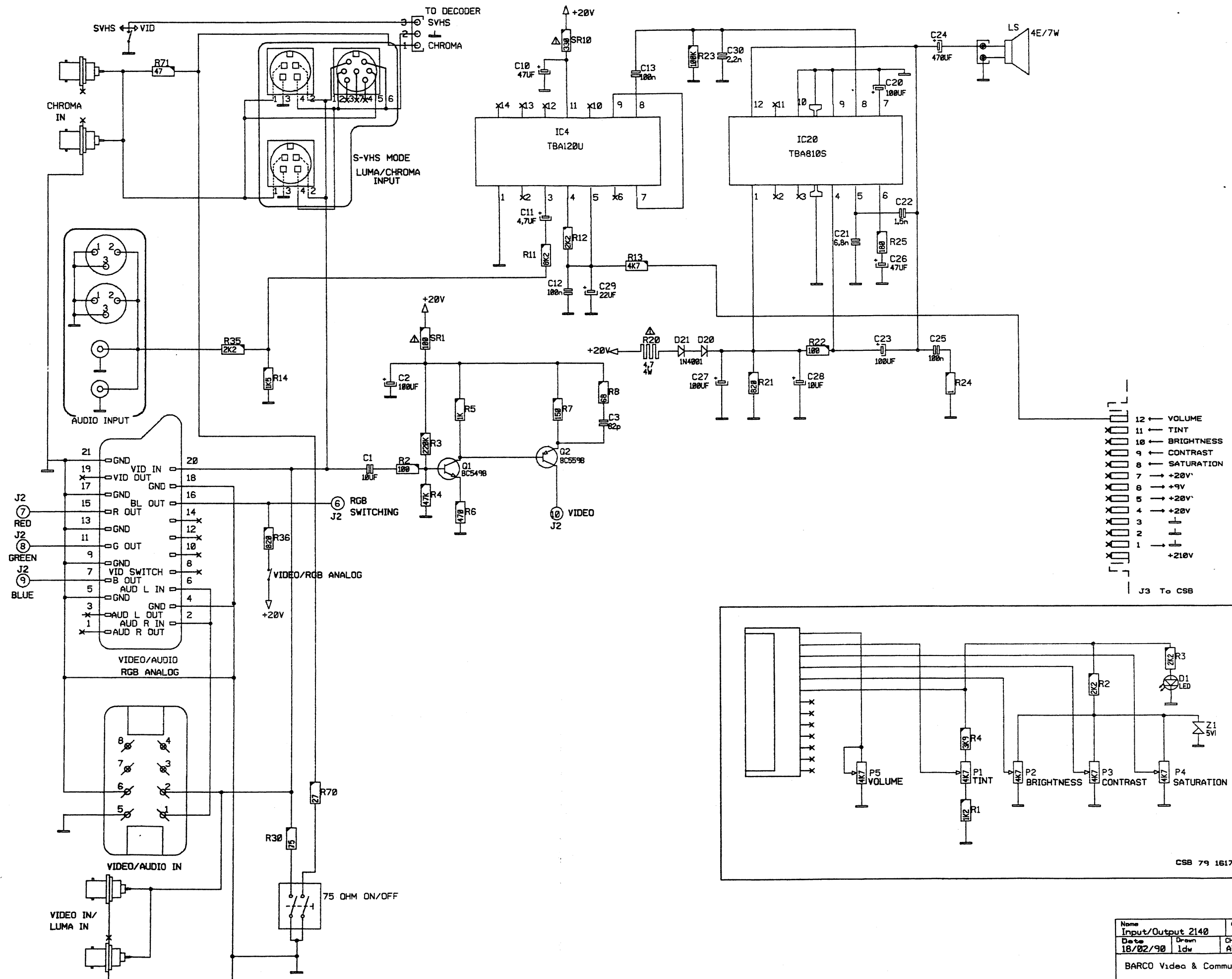
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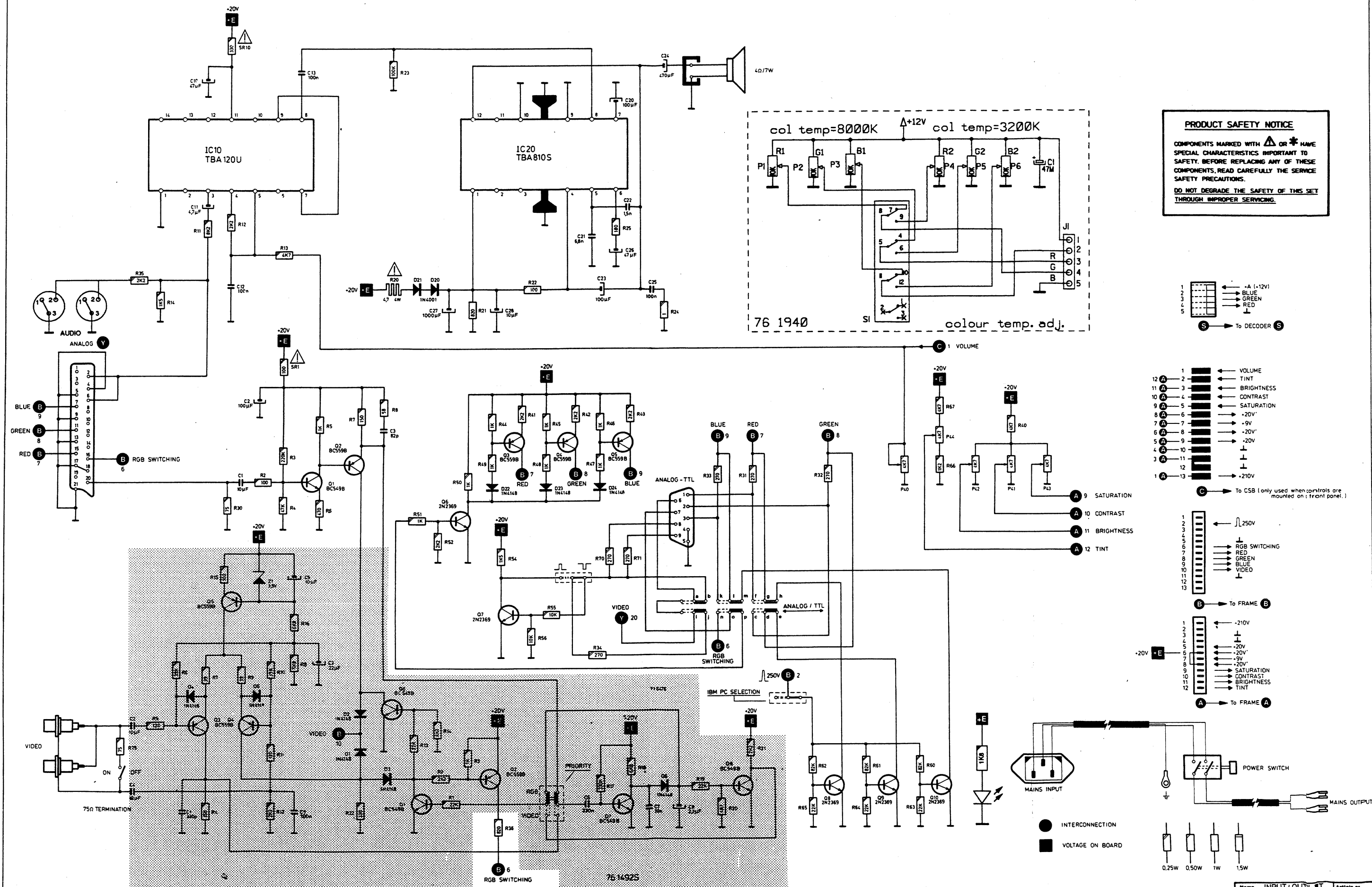
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R	4.7	30	2	1.5k	5.5	7	8	36	57 P4, 66 P42	40 P41	P43	Modifications reserved	Name INPUT/OUTPUT PANEL CONT. ROL	Article no. 78133-06
C	1	2	3	4	5	6	7	8	9	10	11	12	Date 29-08-89	Drawn LKW
Q	1	2	3	4	5	6	7	8	9	10	11	12	Checked KVDK	BARCO Electronic



Name	Input/Output 2140	Article nr.	76 1643
Date	18/02/90	Drawn	ldw
Checked	AB		
BARCO Video & Communications			

[illegible]